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LOGINID:ssptajem1625

### PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS	1			Web Page for STN Seminar Schedule - N. America
NEWS	2	DEC	01	ChemPort single article sales feature unavailable
NEWS	3	APR	03	CAS coverage of exemplified prophetic substances
				enhanced
NEWS	4	APR	07	STN is raising the limits on saved answers
NEWS	5	APR	24	CA/CAplus now has more comprehensive patent assignee
				information
NEWS	6	APR	26	USPATFULL and USPAT2 enhanced with patent
				assignment/reassignment information
NEWS	7	APR	28	CAS patent authority coverage expanded
NEWS	8	APR	28	ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS	9	APR	28	Limits doubled for structure searching in CAS
				REGISTRY
NEWS	10	MAY	08	STN Express, Version 8.4, now available
NEWS	11	MAY	11	STN on the Web enhanced
NEWS	12	MAY	11	BEILSTEIN substance information now available on
				STN Easy
NEWS	13	MAY	14	DGENE, PCTGEN and USGENE enhanced with increased
				limits for exact sequence match searches and
				introduction of free HIT display format
NEWS	1 4	МΆΥ	15	
NEWS	14	MAY	15	INPADOCDB and INPAFAMDB enhanced with Chinese legal

NEWS 15  $\,$  MAY 28  $\,$  CAS databases on STN enhanced with NANO super role in

status data

records back to 1992

NEWS 16 JUN 01 CAS REGISTRY Source of Registration (SR) searching enhanced on STN

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,

AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
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FILE 'HOME' ENTERED AT 09:45:16 ON 05 JUN 2009

=> file reg

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST

0.22 0.22

FILE 'REGISTRY' ENTERED AT 09:45:34 ON 05 JUN 2009
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Property values tagged with IC are from the  ${\tt ZIC/VINITI}$  data file provided by InfoChem.

STRUCTURE FILE UPDATES: 4 JUN 2009 HIGHEST RN 1152369-03-3 DICTIONARY FILE UPDATES: 4 JUN 2009 HIGHEST RN 1152369-03-3

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>

Uploading C:\Program Files\Stnexp\Queries\10-573,516-1.str

chain nodes :

7 8 9 10 13 21 22 23

ring nodes :

1 2 3 4 5 6 14 15 16 17 18 19

chain bonds :

5-7 7-8 8-9 9-10 9-13 21-22 22-23

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 14-15 14-19 15-16 16-17 17-18 18-19

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 7-8 8-9 9-10 9-13 21-22 22-23

normalized bonds :

14-15 14-19 15-16 16-17 17-18 18-19

# G1:C,S

### Match level :

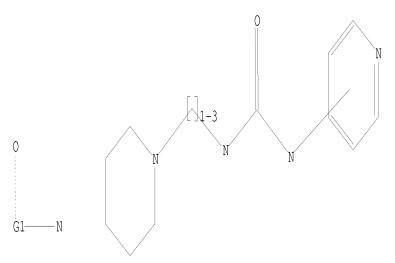
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:CLASS 22:CLASS 23:CLASS

### L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



G1 C,S

Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss sam

SAMPLE SEARCH INITIATED 09:46:03 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 217 TO ITERATE

06/05/2009 10-573,516-1.trn

100.0% PROCESSED 217 ITERATIONS 23 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 3457 TO 5223 PROJECTED ANSWERS: 173 TO 747

L2 23 SEA SSS SAM L1

=> d scan

L2 23 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STW

IN Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethy]-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2,5-dimethoxyMF C25 H37 N5 O5 S

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 23 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN

IN 4-Piperidinecarboxamide, N-(4-bromopheny1)-1-[2-[[[(2-methy1-4-quinoliny1)amino]carbony1]amino]ethy1]
MF C25 H28 Br N5 O2

PAGE 1-A

L2 23 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN (Continued)

PAGE 2-A

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 23 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN

NT 2-Thiophenesulfonamide, 4,5-dichloro-N-[1-[2-[[(12-methyl-4-quinolinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]
MF C22 H25 C12 N5 O3 S2

PAGE 1-A

L2 23 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN (Continued)

PAGE 2-A



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=>

Uploading C:\Program Files\Stnexp\Queries\10-573,516-1a.str

chain nodes :

7 8 9 10 13 21 22 23

ring nodes :

1 2 3 4 5 6 14 15 16 17 18 19

chain bonds :

5-7 7-8 8-9 9-10 9-13 21-22 22-23

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 14-15 14-19 15-16 16-17 17-18 18-19

06/05/2009

10-573,516-1.trn

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 7-8 8-9 9-10 9-13 21-22 22-23

normalized bonds :

14-15 14-19 15-16 16-17 17-18 18-19

isolated ring systems :

containing 14 :

G1:C,S

### Match level:

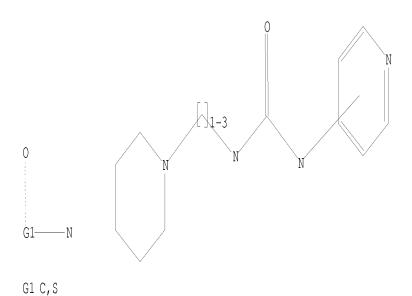
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:CLASS 22:CLASS 23:CLASS

L3 STRUCTURE UPLOADED

=> d 13

L3 HAS NO ANSWERS

L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 13 sss sam SAMPLE SEARCH INITIATED 09:48:14 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 217 TO ITERATE

100.0% PROCESSED 217 ITERATIONS 11 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 3457 TO 5223

PROJECTED ANSWERS: 22 TO 418

L4 11 SEA SSS SAM L3

=> s 13 sss full

FULL SEARCH INITIATED 09:48:28 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 4601 TO ITERATE

173 ANSWERS 100.0% PROCESSED 4601 ITERATIONS

SEARCH TIME: 00.00.01

1.5 173 SEA SSS FUL L3

=> file caplus

COST IN U.S. DOLLARS SINCE FILE TOTAL

> ENTRY SESSION

FULL ESTIMATED COST 187.80 188.02

FILE 'CAPLUS' ENTERED AT 09:48:37 ON 05 JUN 2009 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

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CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate

=> s 15 L6 7 L5

=> d ibib abs hitstr 1- YOU HAVE REQUESTED DATA FROM 7 ANSWERS - CONTINUE? Y/(N):y

L6 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:1124894 CAPLUS

145:449243 DOCUMENT NUMBER:

Therapeutic agents for amyloid  $A\beta$ -related

disorders based on enhanced production of the  $\lambda\beta\,(1-37)$  peptide and inhibition of  $\lambda\beta\,(1-42)$ 

INVENTOR(S): Watanabe, Hideki; Bernier, Francois; Miyagawa,

Takehiko

PATENT ASSIGNEE(S): Eisai Co., Ltd., Japan; Eisai R & D Management Co.,

Ltd.

SOURCE: PCT Int. Appl., 214pp.

CODEN: PIXXD2 DOCUMENT TYPE: Patent

LANGUAGE: E:
FAMILY ACC. NUM. COUNT: 3 English

	TENT I								APPLICATION NO.									
WO	2006112552						WO 2006-JP308796											
	W:	,					AU, DE,		,									
		,		,			ID, LT,		,									
		ΜZ,	NA,	NG,	NI,	NO,	NZ, TJ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	
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PRIORIT:					HI		2000	1020								0050		

L6 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Absolute stereochemistry.

L6 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

 ${\tt AB}$  The present invention is based on the discovery that enhanced production of amyloid A $\beta$ (1-37) prevents  $\gamma$ -secretase-mediated production of A $\beta$ (1-40)/(1-42) from amyloid precursor protein (APP). In addition, A $\beta(1-37)$  and A $\beta(1-38)$  are extremely less toxic to cells than A $\beta(1-42)$ , and A $\beta(1-37)$  and A $\beta(1-38)$  have an inhibitory effect against A $\beta(1-42)$  aggregation. Compds. I-III are characterized by enhancing  ${\rm A}\beta(1-37)$  production, or are characterized by not only inhibiting  ${\rm A}\beta(1-40)/(1-42)$  production but also enhancing production of  ${\rm A}\beta(1-37)$ , which is less toxic to cells and exerts an inhibitory effect against A $\beta$ (1-42) aggregation, are safer and more efficient in inhibiting amyloid accumulation when compared to existing A $\beta$ (1-42) production inhibitors. Moreover,  $A\beta(1-37)$  and  $A\beta(1-38)$  are believed to inhibit amyloid accumulation. These compds. as well as  $A\beta(1-37)$ and  $\mbox{A}\beta\,(1\mbox{--}38)$  effectively serve as active ingredients of therapeutic agents based on a new concept for treating  ${\rm A}\beta\text{-based}$  disease such as Alzheimer's disease and Down's syndrome. The present invention thus provides opposite that sown symbols. Comprising at least one member selected from a compound capable of enhancing  $\lambda\beta(1-37)$  production, a compound capable of inhibiting  $\lambda\beta(1-40)$  and  $\lambda\beta(1-42)$  production and enhancing  $\Delta\beta(1\text{--}37)$  production, and salts of the compds. and solvates thereof. 670250--40--5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(therapeutic agents for amyloid  $\lambda\beta$  -related disorders based on enhanced production of the  $\lambda\beta\,(1-37)$  peptide and inhibition of

A\(\beta(1-42)\) aggregation)
670250-40-5 CAPPUS

1H-Indole-1-carbozamide, 5-[[2-[[[(1R)-1-(hydroxymethyl)-2-oxo-2-(1piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA INDEX NAME)

L6 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:1122567 CAPLUS

DOCUMENT NUMBER: 145:432230

Therapeutic agents for amyloid  $\ensuremath{\mathtt{A}\beta}\xspace$ -related TITLE:

disorders based on enhanced production of the  $A\beta\,(1\text{--}37)$  peptide and inhibition of  $A\beta\,(1\text{--}42)$  aggregation

INVENTOR(S): Watanabe, Hideki; Bernier, Francois; Miyagawa,

Takehiko

PATENT ASSIGNEE(S): Eisai R & D Management Co., Ltd., Japan

PCT Int. Appl., 214pp. CODEN: PIXXD2 SOURCE:

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO.									APPL	DATE							
WO 2006112550					A2 20061026							20060420					
WO	2006112550				A3		20070809										
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		GE,	GH,	GM,	HR,	ΗU,	ID,	${\rm IL}_{\rm r}$	IN,	IS,	JP,	KE,	KG,	KM,	KN,	$\mathbb{KP}_{I}$	$KR_{I}$
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		MΖ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,	$PL_{r}$	PT,	RO,	RU,	SC,	SD,	SE,
		SG,	SK,	SL,	SM,	SY,	TJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,
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CN	1011	6371	5		A		2008	0416		CN 2	006-	8001:	3212		21	0071	019

L6 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) KR 2007119742 A 20071220 KR 2007-725974 : US 2005-111504 20071108 PRIORITY APPLN. INFO.: 20050420 WO 2006-JP308791 GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB The present invention is based on the discovery that enhanced production of amyloid A $\beta$ (1-37) prevents  $\gamma$ -secretase-mediated production of A $\beta$ (1-40)/(1-42) from amyloid precursor protein (APP). In addition,  $A\beta(1-37)$  and  $A\beta(1-38)$  are extremely less toxic to cells than  $A\beta(1-42)$ , and  $A\beta(1-37)$  and  $A\beta(1-38)$  have an inhibitory effect against  $A\beta(1-42)$  aggregation. Compds. I-III are characterized by enhancing  $\lambda\beta(1-37)$  production, or are characterized by not only inhibiting  $\lambda\beta(1-40)/(1-42)$  production but also enhancing production of  $A\beta\left(1-37\right),$  which is less toxic to cells and exerts an inhibitory effect against A $\beta$ (1-42) aggregation, are safer and more efficient in inhibiting amyloid accumulation when compared to existing A $\beta$ (1-42) production inhibitors. Moreover,  $\beta\beta$  (-37) and  $\beta\beta$  (1-38) are believed to inhibit amyloid accumulation. These compds. as well as  $\lambda\beta$  (1-37) and  $\lambda\beta$  (1-38) effectively serve as active ingredients of therapeutic agents based on a new concept for treating AB-based disease such as Alzheimer's disease and Down's syndrome. The present invention thus provides pharmaceutical compns. comprising at least one member selected from a compound capable of enhancing  $A\beta$  (1-37) production, a compound capable of inhibiting  $A\beta(1-40)$  and  $A\beta(1-42)$  production and enhancing  $A\beta\,(1\text{--}37)$  production, and salts of the compds. and solvates thereof.

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(therapeutic agents for amyloid  $A\beta$ -related disorders based on enhanced production of the  $\mbox{A}\beta\,(1\mbox{-37})$  peptide and inhibition of Aβ(1-42) aggregation)

L6 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:1122502 CAPLUS

DOCUMENT NUMBER: 145:465738

Therapeutic agents for amyloid A $\beta$ -related disorders based on enhanced production of the TITLE:

 $\mbox{A}\beta\,(1\mbox{-37})$  peptide and inhibition of  $\mbox{A}\beta\,(1\mbox{-42})$ 

aggregation

INVENTOR(S): Watanabe, Hideki; Bernier, Francois; Miyagawa,

Takehiko

PATENT ASSIGNEE(S): Eisai Co., Ltd., Japan SOURCE:

PCT Int. Appl., 214pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PAT	ATENT NO.			KIN	KIND DATE				APPL	ICAT		DATE					
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<sup>\*</sup> STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

L6 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

670250-40-5 CAPLUS

HR-Indole-1-carboxamide, 5-[[2-[[[(1R)-1-(hydroxymethyl)-2-oxo-2-(1-piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA CN INDEX NAME)

Absolute stereochemistry.

L6 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

The present invention is based on the discovery that enhanced production of amyloid A $\beta$ (1-37) prevents  $\gamma$ -secretase-mediated production of A $\beta$ (1-40)/(1-42) from amyloid precursor protein (APP). In addition,  $\lambda\beta(1-37) \text{ and } \lambda\beta(1-38) \text{ are extremely less toxic to cells than } \lambda\beta(1-42), \text{ and } \lambda\beta(1-37) \text{ and } \lambda\beta(1-38) \text{ have an inhibitory}$  effect against  $\lambda\beta(1-42)$  aggregation. Compds. I-III are characterized by enhancing  $\Delta\beta(1-37)$  production, or are characterized by not only inhibiting  $\Delta\beta(1-40)/(1-42)$  production but also enhancing production of  $\Delta\beta(1-37)$ , which is less toxic to cells and exerts an inhibitory effect against A $\beta$ (1-42) aggregation, are safer and more efficient in inhibiting amyloid accumulation when compared to existing A $\beta$ (1-42) production inhibitors. Moreover,  $A\beta(1-37)$  and  $A\beta(1-38)$  are believed to inhibit anyloid accumulation. These compds. as well as  $A\beta(1-37)$  and  $A\beta(1-38)$  effectively serve as active ingredients of therapeutic agents based on a new concept for treating  $A\beta$ -based disease such as Alzheimer's disease and Down's syndrome. The present invention thus provides pharmaceutical compns. comprising at least one member selected from a compound capable of enhancing  $A\beta(1-37)$  production, a compound capable of inhibiting  $A\beta(1-40)$  and  $A\beta(1-42)$  production and enhancing A $\beta$ (1-37) production, and salts of the compds. and solvates thereof. 670250-40-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

therapeutic agents for amyloid A $\beta\text{-related}$  disorders based on enhanced production of the AB(1-37) peptide and inhibition of AB(1-42) aggregation)

670250-40-5 CAPLUS

1H-Indole-1-carboxamide, 5-[[2-[[[(1R)-1-(hydroxymethyl)-2-oxo-2-(1piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

L6	ANSWER 4 OF 7	CAPLUS CO	PYRIGHT 2009	ACS	on STN	(Continue	ed)
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				WO	2004-EP10555	9 W	20040921
OTHE	R SOURCE(S):	CASREA	ACT 142:3551	72; 1	MARPAT 142:3	55172	

AB Title compds. I [wherein Py = pyridin-4-yl disubstituted in positions 2 and 6; X = aryl, arylalkyl, aryloxy, etc.; A = (CH2)n; XCZ form an exocyclic bond which bears an Ar group and the just formed CH2 group; Z = H; when X = aryl or arylalkyl, Z = H, OH, CO2H, etc.; when X = aryl, arylakyl and n = 0, Z = H, OH, CO2H, aryl, etc.; Y = CR6R7(CH2)m, (CH2)mCR6R7; m = 1-2; n = 0-1; R6 = H, alkyl, aryl, arylalkyl; or R6CR7 = xxboxgraft, P2 = H was not bear constituence distributions. carbocycle; R7 = H, Me; and their enantiomers, diastereomers, racemates, pharmaceutically acceptable salts, solvate complexes, and morphol. forms thereof] were prepared as neurohormonal antagonists. For example, reacting 2-(4-benzylpiperidino)-1-ethanamine with

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ACCESSION NUMBER: 2005:303504 CAPLUS 142:355172

DOCUMENT NUMBER:

Preparation of pyridinyl ureas as urotensin II

antagonists

INVENTOR(S): Mathys, Boris; Mueller, Claus; Scherz, Michael;

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Daniel

PATENT ASSIGNEE(S): Actelion Pharmaceuticals Ltd., Switz.

SOURCE: PCT Int. Appl., 113 pp. CODEN: PIXXD2

DOCUMENT TYPE: LANGUAGE: English FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT	KIND DATE			APPLICATION NO.						DATE						
WO 2005	0 2005030209			A1 20050407				WO 2	004-	EP10	559		2	0040	921	
W:	ΑE,	AG,	AL,	AM,	AT,	AU,	ΑZ,	BA,	BB,	BG,	BR,	BW,	ΒY,	BΣ,	CA,	CH,
	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
	GΕ,	GH,	GM,	HR,	ΗU,	ID,	IL,	IN,	IS,	J₽,	KE,	KG,	$\mathbb{KP}_{I}$	KR,	KΖ,	LC,
	LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MΣ,	NA,	NI,
	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,
	TJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW
RW:	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,
	AZ,	BY,	KG,	KZ,	MD,	RU,	TJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,
	EE,	ES,	FI,	FR,	GB,	GR,	ΗU,	IE,	IT,	LU,	MC,	$NL_{I}$	$\mathbb{PL}_{t}$	PT,	RO,	SE,
	SI,	SK,	TR,	BF,	ΒJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,
	SN,	TD,	TG													
AU 2004	2754	88		A1	20050407			AU 2004-275488						20040921		
CA 2540	196			A1		2005	0407		CA 2	004-	2540	196		2	0040	921
EP 1670	470			A1		2006	0621		EP 2	004-	7654	36		2	0040	921
EP 1670	470			В1		2009	0408									
R:	AT,	BΕ,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,
	IE,	SI,	LT,	LV,	FI,	RO,	CY,	TR,	BG,	CZ,	EE,	HU,	PL,	SK,	HR	
CN 1856	305			A		2006	1101		CN 2	004-	8002	7725		20040921		
BR 2004	2004014777					2006	1121	BR 2004-14777						20040921		

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1,3-Bis(2,6-dimethylpyridin-4-yl)urea gave II. In binding assays of human [125I]-urotensin II to human-derived TE-671 rhabdomyosarcoma cells, compds. of the invention showed activity with IC50 values ranging from 0.1 nM to 1000 nM. Thus, I and their pharmaceutical compns., optionally comprising other pharmacol. active compds., are useful for treating a variety of disorders assocd. with dysregulation of urotensin II, such as heart disease, hypertension, kidney disease, diabetes, asthma, and

pulmonary disease (no data).
849224-02-8P, 1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]-4phenylpiperidine-4-carboxylic acid N-benzyl-N-methylamide 849224-04-0P, N-[1-[2-[3-(2,6-Dimethylpyridin-4yl)ureido[ethyl]piperidin-4-yl]-4-methoy-N-propylbenzenesulfonamide 849224-06-2P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido[ethyl]piperidin-4-yl]-4-fluoro-N-propylbenzenesulfonamide 849224-09-5P, 2-(4-Chlorophenyl)-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethylacetamide 849224-10-8P, N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-y1]-4-fluorobenzenesulfonamide 849224-11-9P, N-Cyclopropy1-N-[1-[2-[3-{2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-yl]-2-(4-methoxyphenyl)acetamide 849224-13-1P, 1-[2-[3-(2,6-Dimethylpyridim-4-yl)ureido]ethyl]-4-phenylpiperidim-4-carboxylic acid N-benzyl-N-(2-hydroxyethyl)amide 849224-14-2P, 1-[2-[3-(2-Ethyl-6-methylpyridin-4-yl)ureido]ethyl]-4-phenylpiperidine-4-carboxylic acid N-benzyl-N-(2-hydroxyethyl)amide 849224-15-3P,
4-Ethyl-1-[2-[3-(2-ethyl-6-methylpyridin-4-yl)ureido]ethyl]piperidine-4carboxylic acid N-benzyl-N-(2-hydroxyethyl)amide 849224-16-4P, 4-Ethyl-1-[2-[3-(2-ethyl-6-methylpyridin-4-yl)ureido]ethyl]piperidine-4acroxylic acid N-benzyl-N-methylanic 849224-17-59, N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl) ureido]ethyl]piperidin-4-yl]-N-ethyl-4-methoxybenzenesulfonamide 849224-18-6P,  $N-[1-[2-\tilde{3}-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethyl-4-fluorobenzenesulfonamide 849224-19-7P,$ phenylpiperidine-4-carboxylic acid N-benzyl-N-methylamide 849224-24-4P, N-Ethyl-4-methoxy-N-[1-[2-[3-(2-methyl-6phenethylpyridin-4-yl)wreidojethyl]biperidin-4-yl)benzenesulfonamide 849224-25-5P, 1-[2-[3-(2-Methyl-6-propylpyridin-4-yl)wreidojethyl]-4-phenylpiperidine-4-carboxylic acid N-(benzyl)-N-methylamide 849224-27-7P, N-Ethyl-4-methoxy-N-[1-[2-[3-(2-methyl-6-propylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]benzenesulfonamide 849224-30-2P, N-Ethyl-N-[1-[2-[3-(2-ethyl-6-methylpyridin-4L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) yl)ureido]ethyl]piperidin-4-yl]-4-methoxybenzenesulfonamide 849224-31-3P, 1-[2-[3-(2-Ethyl-6-methylpyridin-4-yl)ureido]ethyl]-4-phenylpiperidine-4-carboxylic acid N-(benzyl)-N-methylamide 4-puerly poper limites—cartowylor acts w observed and w observed and we design and a 489224-33-5p, N-Ethyl-N-II-[2-[3-(2-ethyl-6-methylpyridin-4-yl)]ureido]ethyl]piperidin-4-yl]-4-Ethylorobenzenesulfonamide 849224-36-8P, N-[1-[2-[3-(2,6-Diethylpyridin-4-yl)]-weido]ethyl]piperidin-4-yl]N-ethyl-4-methoxybenzenesulfonamide 849224-37-9P, N-[1-[2-[3-(2,6-Diethylpyridin-4yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-4-fluorobenzenesulfonamide 849224-41-5P, 1-[2-[3-(2-Methyl-6-phenethylpyridin-4-yl)ureido]ethyl]-4-phenylpiperidine-4-carboxylic acid N-(benzyl)-N-methylamide 849224-47-1P, N-[1-[2-[3-(2-Ethyl-6-methylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-4fluoro-N-propylbenzenesulfonamide 849224-48-2P, 4-Bromo-N-ethyl-N-[1-[2-[3-(2-ethyl-6-methylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]benzenesulfonamide 849224-49-3P, N-[1-[2-[3-(2-Ethyl-6-methylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-4-methoxy-N-propylbenzenesulfonamide 849224-50-6P, carboxylic acid N-(benzyl)-N-methylamide 849224-51-7P, 1-[2-[3-(2-Ethyl-6-methylpyridin-4-yl)ureido]ethyl]-4-methylpiperidine-4carboxylic acid N-(4-nethoxybenzyl)-N-nethylanide 849224-55-8P, 1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]-4-nethylpiperidine-4-carboxylic acid N-(benzyl)-N-methylamide 849224-53-9P, 1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]-4-methylpiperidine-4-carboxylic acid N-(4-methoxybenzyl)-N-methylamide 849224-54-0P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-Nmethylbenzenesulfonamide 849224-56-29, N-[1-]2-[3-(2,6-Dimethylpyridin-4-yl]ureido]ethylpjperidin-4-yl]-4-methoxy-N-methylbenzenesulfonamide 849224-58-4P, N-[1-]2-[3-(2,6-Dimethylpyridin-4-yl]ureido]ethylpjperidin-4-yl]-3-methoxy-N-methylbenzenesulfonamide 849224-60-8P,  $\label{eq:n-1-2-3-2} $$N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1]ureido]ethyl]piperidin-4-y1]-2,5-dimethoxy-N-methylbenzenesulfonamide 849224-62-0F,$ N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)]]ureido]ethyl]piperidin-4-y1]-3,4dimethoxy-N-methylbenzenesulfonamide 849224-64-2P, N=[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-2-

ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-methyl-3-trifluoromethylbenzensulfonamide 849225-02-1P,
Thiophene-2-sulfonic acid N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-methylamide 849225-04-3P, 5-Chlorothiophene-2-sulfonic acid N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-methylamide 849225-06-5P, 2,5-Dichlorothiophene-3-sulfonic acid N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-Nmethylamide 849225-08-7P,  $\label{eq:n-1-2-2} $$N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethylbenzenesulfonamide 849225-10-1P,$ N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-yl]-N-ethyl-2-fluorobenzenesulfonanide 849225-14-5F, N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-2,4-difluorobenzenesulfonanide 849225-16-7F, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethyl-3,4-difluorobenzenesulfonamide 849225-18-9P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethyl-2,6-difluorobenzenesulfonamide 849225-20-3P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-4-ethyl-N-ethylbenzenesulfonanide 849225-22-5P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-4-isopropoxybenzenesulfonamide 849225-24-7P,  $\label{eq:n-1-2-3-4} $$N-[1-[2-[3-(2,6-Dimethyl]pyridin-4-y1] ureido]ethyl]piperidin-4-y1]-N-ethyl-4-methylbenzenesulfonamide 849225-26-9P,$ N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethyl-3-methylbenzenesulfonamide 849225-28-1P, N=[-[2-[3-(2,6-Dimethylpyridin-4-y1]ureido]ethyl]piperidin-4-y1]-N-ethyl-2-methylbenzenesulfonanide 849225-30-5P, N=[1-[2-[3-(2,6-Dimethylpyridin-4-y1]ureido]ethyl]piperidin-4-y1]-N-ethyl-4-methoxy-2,3,6-trimethylbenzenesulfonamide 849225-32-7P  $\label{eq:4-chloro-N-[1-[2-[3-(2,6-dimethyl)pyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethylbenzenesulfonamide 849225-34-9P,$ 3-Chloro-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethylbenzenesulfonamide 849225-35-0P, 2-Chloro-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethylbenzenesulfonamide 849225-36-1P, 3,4-Dichloro-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4yl]-N-ethylbenzenesulfonamide 849225-37-2P,

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methoxy-4-methyl-N-methylbenzenesulfonamide 849224-65-3P,  $\label{eq:new_new} $$N-[1-[2-[3-(2,6-Dimethy]]] vision $$-4-y1$ ure ido] ethyl] piperidin-4-y1]-4-fluoro-N-methylbenzenesulfonamide $$49224-66-4P,$ N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-3-fluoro-N-methylbenzenesulfonamide 849224-67-5P, $\label{eq:n-interpolation} \text{N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-2-fluoro-labeled and the statement of the sta$ N-methylbenzenesulfonamide 849224-70-0P,
N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl) ureido]ethyl]piperidin-4-yl]-2,4difluoro-N-methylbenzenesulfonanide 849224-72-29,
N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl]ureido]ethyl]piperidin-4-yl]-3,4difluoro-N-methylbenzenesulfonanide 849224-74-4P,  $\label{eq:n-1-2-2} $$N-[1-[2-[3-(2,6]-Dimethylpyridin-4-y1]ureido]ethyl]$ piperidin-4-y1]-2,6-difluoro-N-methylbenzenesulfonamide 849224-76-6P,$ N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-4-ethyl-N-methylbenzenesulfonamide 849224-78-8P, N-[4-[1-[2-[3-(2,6-Dimethylpyridin-4-y])ureido]ethyl]piperidin-4yl](methyl)sulfanoyl]phenyl]acetanide 499224-80-29.
N-[1-[2-[3-(2,6-Dimethyl)pyridin-4-yl)ureido]ethyl]piperidin-4-yl]-4-isopropoxy-N-methylbenzenesulfonamide 849224-82-4P,  $\label{eq:n-1-1} $$N-[1-[2-[3-(2,6-Dimethyl)]]-4-methyl-N-methyl-Dimethyl$ N-[1-[\$2-[3-(2,6-Dimethylpyridin-4-y1) ureido]ethyl] piperidin-4-yl]-3-methyl-4-yll-3-methyl-3-meN-methylbenzenesulfonamide 849224-86-8P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)]] ureido]ethyl]piperidin-4-yl]-2-methyl-N-methylbenzenesulfonamide 849224-88-0P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-4methoxy-2,3,6,N-tetramethylbenzenesulfonamide 849224-90-4P,  $\label{lem:decomposition} $$4-Chloro-N-[1-[2-[3-(2,6-dimethyl)pyridin-4-y1]ureido]ethyl]$ piperidin-4-y1]-N-methylbenzenesulfonamide 849224-92-6P,$ 3-Chloro-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-methylbenzenesulfonamide 849224-94-8P, 2-Chloro-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-methylbenzenesulfonamide 849224-96-0P, 3,4-Dichloro-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4yl]-N-methylbenzenesulfonamide 849224-98-2P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)] vreido]ethyl]piperidin-4-y1]-N-methyl-4-trifluoromethylbenzemesulfonamide 849225-00-9P,

ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)]] ureido]ethyl]piperidin-4-yl]-N-ethyl-4-trifluoromethylbenzenesulfonamide 849225-38-3P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-yl]-N-ethyl-3-trifluoromethylbenzenesulfonamide 849225-39-4P,  $\label{eq:new_new_new_new_new_new} $$N-[1-[2-[3-(2,6^-Dimethylpyridin-4-y1)ureido]ethyl]$ piperidin-4-y1]-N-ethyl-2-trifluoromethylbenzenesulfonamide 849225-40-7P,$ Thiophene-2-sulfonic acid N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethylamide 849225-41-8P, 5-Chlorothiophene-2-sulfonic acid N-[1-[2-[3-(2,6-dimethylpyridin-4yl)ureido]ethyl]piperidin-4-yl]-N-ethylamide 849225-42-9P, 2,5-Dichlorothiophene-3-sulfonic acid ethylamide 849225-43-0P. 2,5-dimethoxybenzenesulfonamide 849225-44-IP, 5-Bromo-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-2-methoxybenzenesulfonamide 849225-45-2P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethyl-2-methoxy-4-methylbenzenesulfonamide 849225-46-3P,  $N-[1-[2-\hat{q}-(2-\hat{q}-6-\hat{p})]$  methylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-3,4-dimethoxybenzenesulfonamide 849225-47-4P, 3-methoxybenzenesulfonamide 849225-48-5P, N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]benzenesulfonamide 849225-49-6P,  $\label{eq:n-cyclopropyl-N-[1-[2-[3-\{2,6-dimethylpyridin-4-y1\}ureido]ethyl]piperidin-4-y1]-3-fluorobenzenesulfonamide 849225-50-9P,$ N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-2-fluorobenzenesulfonamide 849225-51-0P,  $\label{eq:n-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)]]} ureido] ethyl] piperidin-4-yl) ureido] ethyl] ethyl ethyl$ 4-y1]-2,4-difluorobenzenesulfonamide 849225-52-1P, N-Cyclopropy1-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-3,4-difluorobenzenesulfonamide 849225-53-2P,  $\label{eq:n-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-2,6-difluorobenzenesulfonamide 849225-54-3P,}$  $\label{eq:normalized} $$N-{\rm Qolopropy1-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)]ureido]ethyl]piperidin-4-y1]-4-ethylbenzenesulfonamide 849225-55-4P,$ N-[4-[Cyclopropyl[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]sulfamoyl]phenyl]acetamide 849225-56-5P, N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-4-isopropoxybenzenesulfonamide 849225-57-6P,

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                                                                                                                                                   (Continued)
N-Cyclopropyl-N-[1-[2-[3-{2,6-dimethylpyridin-4-y1}\u00fareido]ethyl]piperidin-4-y1]-4-methylbenzenesulfonamide 849225-58-7P,
 N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-
4-y1]-3-methylbenzenesulfonamide 849225-59-8P,
N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-
| A-yll-2-methylbenzenesuformatiche 49y1-2-methylpyridin-4-yll-2-methylbenzenesuformatiche 49y25-60-1P, 4-Chloro-M-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]benzenesufonamide 849225-61-2P,
 3-Chloro-N-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-
yl)ureido]ethyl]piperidin-4-yl]benzenesulfonamide 849225-62-3P,
2-Chloro-N-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-
 yl)ureido]ethyl]piperidin-4-yl]benzenesulfonamide 849225-63-4P,
3,4-Dichloro-N-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-
 yl)ureido]ethyl]piperidin-4-yl]benzenesulfonamide 849225-64-5P,
N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-4-trifluoromethylbenzenesulfonamide 849225-65-6P,
N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-3-trifluoromethylbenzenesulfonamide 049225-66-7P,
 N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl)ureido]ethyl]piperidin-4-yl)ureido]ethyl]piperidin-4-yl)ureido]ethyl]piperidin-4-yl)ureido]ethyl]piperidin-4-yl)ureido]ethyl]piperidin-4-yl)ureido]ethyl]piperidin-4-yl)ureido]ethyl]piperidin-4-yl)ureido]ethyl]piperidin-4-yl)ureido]ethyl]piperidin-4-yl)ureido]ethyl]piperidin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureido]ethylpyridin-4-yl)ureidon-4-yl
4-yl]-2-trifluoromethylbenzenesulfonamide 849225-67-8P,
Thiophene-2-sulfonic acid N-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-
 yl)ureido]ethyl]piperidin-4-yl]amide 849225-68-9P,
5-Chlorothophene-2-sulfonic acid N-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1])ureido]ethyl]piperidin-4-y1]amide
849225-69-0P, 2,5-Dichlorothiophene-3-sulfonic acid
N-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-
 4-y1]amide 849225-70-3P,
\label{eq:n-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1) ureido]ethyl]piperidin-4-y1]-4-methoxybenzenesulfonamide 849225-71-4P,
N-Cyclopropyl-N-[1-[2-[3-{2,6-dimethylpyridin-4-y1}\ureido]ethyl]piperidin-4-y1]-3-methoxybenzenesulfonamide 849225-72-5P,
 N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-
4-yl]-2,7-dinethoxybenzenesulfonamide 849222-73-6F,
N-Cyclopropyl-N-[1-[2-[3-(2,6-dinethylpyridin-4-yl)ureido]ethyl]piperidin-
4-yl]-2-methoxy-4-methylbenzenesulfonamide 849225-74-7P,
N-Ethyl-N-[1-[2-[3-(2-ethyl-6-methylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-2-methoxy-4-methylbenzenesulfonamide 849225-75-8P,
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ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
                                                                                                                                                      (Continued)
              N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-
             2-(2-methoxyphenyl)acetamide 849225-93-0P,
2-(4-Chlorophenyl)-N-[1-[2-[3-(2,6-dimethylpyridin-4-
              yl)ureido]ethyl]piperidin-4-yl]-N-ethylisobutyramide 849225-94-1P
             , 1-Phenylcyclopropanecarboxylic acid N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-
              ethylamide 849225-95-2P,
1-(4-Chlorophenyl)cyclopropanecarboxylic acid
              N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)]] ureido]ethyl]piperidin-4-yl]-N-
             ethylamide 849225-96-3P,
1-(4-Methoxyphenyl)cyclopropanecarboxylic acid
              N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-yl]-N-
              ethylamide 849225-97-4P.
              N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-
             2-phenylacetamide 849225-98-5P,
N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethyl-
2-(4-methoxyphenyl)acetamide 849225-99-6P,
             N-[1-[2-(3-(2,6-Dimethylpyridin-4-y1)] ureido]ethyl]piperidin-4-y1]-N-ethyl-3,4-dimethoxybenzamide 849226-01-3P,
              N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)]] ureido]ethyl]piperidin-4-yl]-N-ethyl-
             4-fluorobenzamide 849226-02-4P,
N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-
2-(3-methoxyphenyl)acetamide 849226-03-5P
, 2-(3,4-Dimethoxyphenyl)-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethylacetamide 849226-04-6P,
             2-(2,5-Dimethoxyphenyl)-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl)-N-ethylacetamide 849226-05-7P,
              N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)]] ureido]ethyl]piperidin-4-yl]-N-ethyl-
             2-(thiophen-2-y1)acetamide 849226-06-8P,
N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethyl-
             - 1-16 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) - 17 (-) -
             N-ethyl-N-[1-[2-[3-(2-ethyl-6-methylpyridin-4-yl]meido]ethyl]piperidin-4-yl]amide 849226-09-1P, 1-(4-Chlorophenyl)cyclopropanecarboxylic acid N-ethyl-N-[1-[2-[3-(2-ethyl-6-methylpyridin-4-
              yl)ureido]ethyl]piperidin-4-yl]amide 849226-10-4P,
                   (4-Methoxyphenyl)cyclopropanecarboxylic acid
```

 $N-ethyl-N-[\hat{1-}[2-[3-(\hat{2}-ethyl-6-methylpyridin-4-yl)] ureido]ethyl]piperidin-4-yl)$ 

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ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN
                                                                                                                                           (Continued)
N-Ethyl-N-[1-[2-[3-(2-ethyl-6-methylpyridin-4-y1) ureido]ethyl]piperidin-4-y1]-3,4-dimethoxybenzenesulfonamide 849225-76-9P,
 N-Ethyl-N-[1-[2-[3-(2-ethyl-6-methylpyridin-4-yl)ureido]ethyl]piperidin-4-
y1]-3-methoxybenzenesulfonamide 849225-77-0P,
2-(3,4-Dichlorophenyl)-N-[1-[2-[3-(2,6-dimethylpyridin-4-
 yl)ureido]ethyl]piperidin-4-yl]-N-methylacetamide 849225-78-1P
N-[1-[2-[3-(2,6-)imethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-2-(2-methoxyphenyl)-N-methylacetamide 049225-79-2P,
1-Phenylcyclopropanecarboxylic acid
\texttt{N-[1-[2-[3-(2,6-dimethylpyridin-4-y1) ureido]ethyl]piperidin-4-y1]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-y1)]-N-[4-(2,6-dimethylpyridin-4-
methylamide 849225-80-5P,
methylamide 849225-81-6P,
1 - (4 - \texttt{Methoxypheny1}) \, \texttt{cyclopropanecarboxylic acid}
N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-
methylamide 849225-82-7P,
2-(3,4-Dimethoxyphenyl)-N-[1-[2-[3-(2,6-dimethylpyridin-4-
yl)ureido]ethyl]piperidin-4-yl]-N-methylacetamide 849225-83-8P, 2-(4-Chlorophenyl)-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)]-N-methylacetamide 849225-84-9P,
N=[1-[2-]3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-2-(4-fluorophenyl)-N-methylacetamide 849225-85-0P,
 N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-methyl-
2-phenylacetamide 849225-86-1P,
N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1) ureido]ethyl]piperidin-4-y1]-N-methyl-
 2-(pyridin-2-yl)acetamide 849225-87-2P,
2-(3-Chlorophenyl)-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-methylacetamide 849225-88-3P,
2-(2-Chlorophenyl)-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-methylacetamide 849225-89-4P,
  2-(4-Chlorophenyl)-N-ethyl-N-[1-[2-[3-(2-ethyl-6-methylpyridin-4-
yl)ureido]ethyl]piperidin-4-yl]isobutyramide 849225-90-7P, 2-(2-Chlorophenyl)-N-[1-[2-[3-(2,6-dimethylpyridin-4-
yl)ureido]ethyl]piperidin-4-yl]-N-ethylacetamide 849225-91-8P,
2-(3,4-Dichlorophenyl)-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethylacetamide 849225-92-9P,
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L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) yl]amide 849226-11-5P, N-Ethyl-N-[1-[2-[3-(2-ethyl-6methylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-2-phenylacetamide 849226-12-6P, 2-(4-Chlorophenyl)-N-ethyl-N-[1-[2-[3-(2-ethyl-6methylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]acetamide 849226-13-7P, 2-(4-Chlorophenyl)-N-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]isobutyramide 849226-14-98, 1-(4-Methoxyphenyllcyclopropanecarboxylic acid
N-cyclopropyl-N-[1-[2-[2-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]amide 849226-15-99, 2-(4-Chlorophenyl)-N-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]acetamide 849226-16-0P, 1-(4-Chlorophenyl)cyclopropanecarboxylic acid  $\label{eq:new_poly} $$N-cyclopropy1-N-[1-[2-[3-2,6-dimethylpyridin-4-y1]ureido]ethyl]piperidin-4-y1]amide 849226-17-1P, 1-Phenylcyclopropanecarboxylic acid$ N-cyclopropyl-N-[1-[2-]3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-yl]amide 849226-18-2P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-yl]-N-ethyl-2-methoxybenzenesulfonamide RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (drug candidate; prepn. of novel 2-piperidinoethyl quinolinyl ureas for use as urotensin II antagonists in combination with other pharmacol.

RN 849224-02-8 CAPLUS

active compds.)

CN 4-Piperidinecarboxamide, 1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-N-methyl-4-phenyl-N-(phenylmethyl)-(CA INDEX NAME)

N 849224-04-0 CAPLUS

CN Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-methoxy-N-propylL6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (CA INDEX NAME)

RN 849224-06-2 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-fluoro-N-propyl-(CA INDEX NAME)

Benzeneacetamide, 4-chloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849224-13-1 CAPLUS

4-Piperidinecarboxamide, 1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-N-(2-hydroxyethyl)-4-phenyl-N-(phenylmethyl)- (CA INDEX NAME)

849224-14-2 CAPLUS

4-Piperidinecarboxamide, 1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]earbonyl]amino]ethyl]-N-(2-hydroxyethyl)-4-phenyl-N-(phenylmethyl)- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849224-10-8 CAPLUS
Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-fluoro- (CA INDEX NAME)

849224-11-9 CAPLUS
Benzeneacetamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-methoxy- (CA INDEX RN CN

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849224-15-3 CAPLUS
4-Piperidinecarboxamide, 4-ethyl-1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-N-(2-hydroxyethyl)-N-(phenylmethyl)-(CA INDEX NAME)

RN 849224-16-4 CAPLUS

ouszcz-10-4 Chrus 4-Piperidinecarboxamide, 4-ethyl-1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-N-methyl-N-(phenylmethyl)- (CA CN

849224-17-5 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[ $\langle 2,6-dimethyl-4-$ 

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridiny1) amino] carbony1] amino] ethy1] - 4-piperidiny1] - N-ethy1-4-methoxy-pyridiny1] -(CA INDEX NAME)

- 849224-18-6 CAPLUS
- Benzenesuffonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]-N-ethyl-4-fluoro-(CA INDEX NAME)

$$\begin{array}{c} \text{Ne} \\ \text{NH-C-NH-CH}_2\text{-CH}_2\text{-NH} \\ \text{Ne} \end{array}$$

- 849224-19-7 CAPLUS
- 4-Piperidinecarboxamide, N-methyl-1-[2-[[[[2-methyl-6-[(1E)-2phenylethenyl]-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-phenyl-N-(phenylmethyl) - (CA INDEX NAME)
- L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

- 849224-27-7 CAPLUS
  Benzenesulfonamide, N-ethyl-4-methoxy-N-[1-[2-[[[(2-methyl-6-propyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

- RN 849224-30-2 CAPLUS
  CN Benzenesulfonamide, N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-methoxy- (CA INDEX NAME)

# Page 20

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

- Benzenesulfonamide, N-ethyl-4-methoxy-N-[1-[2-[[[2-methyl-6-(2-phenylethyl)-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA

- RM 849224-25-5 CAPLITS
- 4-Piperidinecarboxamide, N-methyl-1-[2-[[[(2-methyl-6-propyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-phenyl-N-(phenylmethyl)- (CA INDEX NAME)
- L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
- 849224-31-3 CAPLUS
- 4-Piperidinecarboxamide, 1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-N-methyl-4-phenyl-N-(phenylmethyl)-(CA INDEX NAME)

- 849224-33-5 CAPLUS
- Benzenesulfonamide, N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-fluoro- (CA INDEX NAME)

- 849224-36-8 CAPLUS
- Benzenesulfonamide, N-[1-[2-[[[ $\langle 2,6\text{-diethyl-4-}$ pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-4-methoxy-(CA INDEX NAME)

$$\begin{array}{c} \text{Et} \\ \text{O} \\ \text{NH} - \text{C-NH} - \text{CH}_2 - \text{CH}_2 - \text{N} \end{array} \\ \begin{array}{c} \text{Et} \\ \text{N} - \text{S} \\ \text{O} \\ \text{O} \end{array}$$

849224-37-9 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-diethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-4-fluoro-(CA INDEX NAME)

849224-41-5 CAPLUS

049224-41-) Card-4-4-Piperidinecarboxamide, N-methyl-1-[2-[[[[2-methyl-6-(2-phenylethyl)-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-phenyl-N-(phenylmethyl)- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849224-49-3 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-methoxy-N-propyl-(CA INDEX NAME)

A-Piperidinearboxamide, 1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]earbonyl]amino]ethyl]-W,4-dimethyl-W-(phenylmethyl)- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849224-47-1 CAPLUS
CN Benzenesulfonamide, N-[1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-fluoro-N-propyl-(CA INDEX NAME)

849224-48-2 CAPLUS

Denzensulfonamide, 4-bromo-N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849224-51-7 CAPLUS

4-Piperidinecarboxamide, 1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-N-[(4-methoxyphenyl)methyl]-N,4dimethyl- (CA INDEX NAME)

RN 849224-52-8 CAPLUS

d47247-3-0-0 CAA-Piperidinecarboxamide, 1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-N,4-dimethyl-N-(phenylmethyl)- (CA CN

RN 849224-53-9 CAPLUS

4-Piperidinecarboxamide, 1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-N-[(4-methoxyphenyl)methyl]-N,4-

- L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) dimethyl- (CA INDEX NAME)
- 849224-54-0 CAPLUS
- Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]-N-methyl- (CA INDEX NAME)

- 849224-56-2 CAPLUS
- Senzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]earbonyl]amino]ethyl]-4-piperidinyl]-4-methoxy-N-methyl-(CA INDEX NAME)
- L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

- RN 849224-62-0 CAPLUS
  CN Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3,4-dimethoxy-Nmethyl- (CA INDEX NAME)

- 849224-64-2 CAPLUS
  Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2-methoxy-N,4-dimethyl- (CA INDEX NAME)

- RN 849224-58-4 CAPLUS
  CN Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3-methoxy-N-methyl-(CA INDEX NAME)

- 849224-60-8 CAPLUS
- Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2,5-dimethoxy-N-methyl- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\stackrel{\text{Me}}{\underset{\text{NH}}{\longrightarrow}} \stackrel{\text{NH}}{\underset{\text{NH}}{\longrightarrow}} \text{C-NH-CH}_2\text{-CH}_2$$

- RN 849224-65-3 CAPLUS
- Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-fluoro-N-methyl-(CA INDEX NAME)

- 849224-66-4 CAPLUS
- Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl-4-piperidinyl]-3-fluoro-N-methyl-

849224-67-5 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2-fluoro-N-methyl-(CA INDEX NAME)

849224-70-0 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2,4-difluoro-N-methyl-

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849224-76-6 CAPLUS Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-ethyl-N-methyl-(CA INDEX NAME)

849224-78-8 CAPLUS

Acetamide, N-[4-[[[1-2-[[[12,6-dimethyl-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]methylamino]sulfonyl]phenyl]- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c} \text{Me} \\ \text{O} \\ \text{NH-C-NH-CH}_2\text{-CH}_2\text{--NH-S} \\ \\ \text{Me} \end{array}$$

849224-72-2 CAPLUS

Denzenesul Contamide, N-[1-[2-[[[{2,6-dimethyl-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-3,4-difluoro-N-methyl-(CA INDEX NAME)

849224-74-4 CAPLUS

Derzensuffonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2,6-difluoro-N-methyl-

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849224-80-2 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl-4-(1-methylethoxy)- (CA INDEX NAME)

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N,4-dimethyl- (CA

849224-84-6 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-N,3-dimethyl- (CA INDEX NAME)

849224-86-8 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N,2-dimethyl- (CA

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{Me} \end{array}$$

RN 849224-92-6 CAPLUS

Benzenesulfonamide, 3-chloro-N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

849224-94-8 CAPLUS

Benzenesulfonamide, 2-chloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]earbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

RN 849224-96-0 CAPLUS

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L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849224-88-0 CAPLUS RN

Benzenesulfonamide, N-[1-[2-[[[ $\langle 2,6-dimethyl-4$ pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-methoxy-W,2,3,6-tetramethyl- (CA INDEX NAME)

849224-90-4 CAPLUS

093229-30-4 CAPINOS
Benzenesulfonamide, 4-chloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX

L6 ANSNER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
CN Benzenesulfonamide, 3,4-dichloro-N-[1-[2-[[(12,6-dimethyl-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX

849224-98-2 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[ $\langle 2,6-dimethyl-4$ pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl-4-(trifluoromethyl)- (CA INDEX NAME)

849225-00-9 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]-M-methyl-3-(trifluoromethyl)- (CA INDEX NAME)

849225-02-1 CAPLUS

2-Thiophenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

RN 849225-04-3 CAPLUS

2-Thiophenesulfonamide, 5-chloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-06-5 CAPLUS

3-Thiophenesulfonamide, 2,5-dichloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

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RN 849225-08-7 CAPLUS

RN 849225-10-1 CAPLUS

Benzenesulfonanide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]anino]earbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-3-fluoro-(CA INDEX NBME)

RN 849225-12-3 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2-fluoro-(CA INDEX NAME)

849225-14-5 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2,4-difluoro-(CA INDEX NAME)

849225-16-7 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-3,4-difluoro-(CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-22-5 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4- $\label{eq:pyridinyl} {\tt pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-4-(1-methylethoxy)- (CA INDEX NAME)$ 

849225-24-7 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]-M-ethyl-4-methyl-(CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-18-9 CAPLUS
CN Benzenesulfonamide, N-[1-[2-[[[{2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2,6-difluoro-(CA INDEX NAME)

849225-20-3 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[ $\langle 2,6-dimethyl-4$ pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N, 4-diethyl- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-26-9 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridiny1)amino]carbony1]amino]ethy1]-4-piperidiny1]-N-ethy1-3-methy1-(CA INDEX NAME)

849225-28-1 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]mino]earbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2-methyl-(CA INDEX NAME)

RN 849225-30-5 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[2,6-dimethyl-4-pyzidinyl]-N-ethyl-4-methoxy-2,3,6-trimethyl- (CA INDEX NAME)

849225-32-7 CAPLUS
Benzenesulfonamide, 4-chloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX

849225-34-9 CAPLUS

Benzenesulfonamide, 3-chloro-N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-37-2 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-4-(trifluoromethyl) - (CA INDEX NAME)

RN 849225-38-3 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-3-(trifluoromethyl)- (CA INDEX NAME)

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L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-35-0 CAPLUS

Benzenesulfonamide, 2-chloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME) CN

849225-36-1 CAPLUS
Benzenesulfonamide, 3,4-dichloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-39-4 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2-(trifluoromethyl) - (CA INDEX NAME)

849225-40-7 CAPLUS

2-Thiophenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridiny1) amino] carbony1] amino] ethy1] - 4-piperidiny1] - N-ethy1- (CA INDEX NAME)

849225-41-8 CAPLUS

093223-41-0 CARDOO 2-7-100 CARDOO 2-7-10 CAR

849225-42-9 CAPLUS

3-Thiophenesulfonamide, 2,5-dichloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

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L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-43-0 CAPLUS
CN Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2,5-dimethoxy-(CA INDEX NAME)

PAGE 2-A

849225-44-1 CAPLUS
Benzenesulfonamide, 5-bromo-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2-methoxy-(CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-45-2 CAPLUS
CN Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2-methoxy-4methyl- (CA INDEX NAME)

RN 849225-46-3 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)\_amino]earbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-3,4-dimethoxy-(CA INDEX NAME)

849225-47-4 CAPLUS Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-3-methoxy-(CA INDEX NAME)

849225-48-5 CAPLUS

Benzensylfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-51-0 CAPLUS

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2,4-difluoro- (CA INDEX NAME)

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]earbonyl]amino]ethyl]-4-piperidinyl]-3,4-difluoro- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-49-6 CAPLUS

Benzensulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3-flworo- (CA INDEX NAME) CN

849225-50-9 CAPLUS

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2-fluoro- (CA INDEX CN

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-53-2 CAPLUS

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]amino]ethyl]-4-piperidinyl]-2,6-difluoro- (CA INDEX NAME)

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-ethyl- (CA INDEX

849225-55-4 CAPLUS
Acetamide, N-[4-[[cyclopropy1[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]amino]sulfonyl]phenyl]-(CA INDEX NAME)

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]earbonyl]amino]ethyl]-4-piperidinyl]-4-(1-methylethoxy)-(CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-59-8 CAPLUS

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2-methyl- (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ \text{Me} & & & & \\ & & & \\ \text{O} & & & \\ & & & \\ \text{N} & & \\ & & & \\ &$$

RN 849225-60-1 CAPLUS

 ${\tt Benzene sulfonamide, \ 4-chloro-N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4$ pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME) L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-57-6 CAPLUS

Benzensulfonamide, N-cyclopropyl-N-[1-[2-[[((2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-methyl- (CA INDEX

849225-58-7 CAPLUS RN

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[2-6-dimethyl-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-3-methyl- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-61-2 CAPLUS RN

Benzensulfonamide, 3-chloro-N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

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849225-63-4 CAPLUS
Benzenesulfonamide, 3,4-dichloro-N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

849225-64-5 CAPLUS

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]earbonyl]amino]ethyl]-4-piperidinyl]-4-(trifluoromethyl)-(CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\mathbb{F}_{3}\mathbb{C}$$
 
$$0 = \mathbb{S} = 0$$
 
$$\mathbb{N} - \mathbb{C}\mathbb{H}_{2} - \mathbb{C}\mathbb{H}_{2} - \mathbb{N}\mathbb{H} - \mathbb{C} - \mathbb{N}\mathbb{H}$$
 
$$\mathbb{M}e$$

849225-67-8 CAPLUS

2-Thiophenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

RN 849225-68-9 CAPLUS
CN 2-Thiophenesulfonamide, 5-chloro-N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

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L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-65-6 CAPLUS

oupz2j-v0-v0 carnus N-cyclopropy1-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3-(trifluoromethyl)-CN (CA INDEX NAME)

849225-66-7 CAPLUS

(CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-69-0 CAPLUS

3-Thiophenesulfonamide, 2,5-dichloro-N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA CN

849225-70-3 CAPLUS
Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pytidinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-methoxy- (CA INDEX CN

849225-71-4 CAPLUS

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyxidinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3-methoxy- (CA INDEX

RN 849225-72-5 CAPLUS

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2,5-dimethoxy- (CA INDEX NAME)

849225-73-6 CAPLUS

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]earbonyl]amino]ethyl]-4-pipridinyl]-2-methoxy-4-methyl-(CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-76-9 CAPLUS

Benzenesulfonamide, N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3-methoxy- (CA INDEX NAME) CN

849225-77-0 CAPLUS
Benzeneacetamide, 3,4-dichloro-N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

RN 849225-78-1 CAPLUS

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L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-74-7 CAPLUS

oup220-14-1 (APDUS Benzensulfonamide, N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2-methoxy-4-methyl-CN (CA INDEX NAME)

849225-75-8 CAPLUS

Benzenesulfonamide, N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]earbonyl]amino]ethyl]-4-piperidinyl]-3,4-dimethoxy- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Benzeneacetamide, N-[1-[2-[][(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2-methoxy-N-methyl-(CA INDEX NAME)

849225-79-2 CAPLUS

Cyclopropanearboxamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbomyl]amino]ethyl]-4-piperidinyl]-N-methyl-1-phenyl-(CR INDEX NDME)

Cyclopropanecarboxamide, 1-(4-chlorophenyl)-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX

849225-81-6 CAPLUS

049227-01-0 CAPADOMICA, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-pipridinyl]-1-(4-methoxyphenyl)-Nmethyl- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-85-0 CAPLUS Benzeneacetamide, N-[1-[2-[[[ \( 2,6-\text{dimethyl-4-} \) pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

849225-86-1 CAPLUS

2-Pyridineacetamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX NUME)

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L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-82-7 CAPLUS

Benzeneacetamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3,4-dimethoxy-Nmethyl- (CA INDEX NAME)

 $849225-83-8 \quad {\tt CAPLUS} \\ {\tt Benzeneacetamide, 4-chloro-N-[1-[2-[[[\{2,6-dimethyl-4-pyxidinyl]amino]earbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX CAPULAN CAPULAN$ RN CN

849225-84-9 CAPLUS

Benzenacatamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl)-4-fluoro-N-methyl-

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-87-2 CAPLUS

Benzeneacetamide, 3-chloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX

849225-88-3 CAPLUS
Benzeneacetamide, 2-chloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

849225-89-4 CAPLUS

Benzeneacetamide, 4-chloro-N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)]amino]carbonyl]amino]ethyl]-4-piperidinyl]-\alpha,\alpha dimethyl- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & \\ Et & & \\ & & \\ NH-C-NH-CH_2-CH_2-N \\ & & \\ & & \\ Me \end{array}$$

849225-90-7 CAPLUS

Benzeneacetamide, 2-chloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX

849225-91-8 CAPLUS

Benzeneacetamide, 3,4-dichloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-94-1 CAPLUS

Cyclopropanecarboxanide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl],amlno]earboxyl]amino]ethyl]-4-piperidinyl]-N-ethyl-1-phenyl-(CA INDEX NAME)

RN 849225-95-2 CAPLUS

 ${\tt Cyclopropanecarboxamide, 1-(4-chlorophenyl)-N-[1-[2-[[[(2,6-dimethyl-4-d$ pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX RAME) L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-92-9 CAPLUS Benzeneacetamide, N-[1-[2-[[[(2,6-dimethyl-4-RN CN pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2-methoxy-(CA INDEX NAME)

849225-93-0 CAPLUS RN

Benzeneactanide, 4-chloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-a,a-dimethyl- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-96-3 CAPLUS

Cyclopropanecarboxamide, N-[1-[2-[[[(2,6-dinethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-1-(4-methoxyphenyl)- (CA INDEX NAME)

RN 849225-97-4 CAPLUS

Benzeneacetamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl)-N-ethyl- (CA INDEX CN

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN

849225-98-5 CAPLUS
Benzeneacetamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-4-methoxy-(CA INDEX NAME)

849225-99-6 CAPLUS

Benzamide, N-[1-[2-[[[(2,6-dimethyl-4pyridiny1)amino]carbony1]amino]ethy1]-4-piperidiny1]-N-ethy1-4-methoxy-(CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849226-02-4 CAPLUS

Benzeneacetamide, N-[1-[2-[[[(2,6-dimethy1-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-3-methoxy-(CA INDEX NAME)

849226-03-5 CAPLUS

Benzeneacetamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-3,4-dimethoxy-

Page 35

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849226-00-2 CAPLUS

Benzamide, N-[1-[2-[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-3,4-dimethoxy-(CA INDEX NAME)

849226-01-3 CAPLUS

Benzamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-4-fluoro-

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849226-04-6 CAPLUS
CN Benzeneacetamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2,5-dimethoxy-(CA INDEX NAME)

849226-05-7 CAPLUS RN

2-Thiopheneacetamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

849226-06-8 CAPLUS

Benzeneacetamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-4-fluoro-(CA INDEX NAME)

$$\begin{array}{c} \text{NM} \\ \text{NM} \\ \text{NM} \\ \text{NM} \\ \text{Me} \end{array}$$

RN 849226-07-9 CAPLUS

DBenzamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX mawn)

RN 849226-08-0 CAPLUS

ON Cyclopropanecarboxamide, N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-1-phenyl- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849226-11-5 CAPLUS

N Benzeneacetamide, N-ethyl-N-[1-[2-[[((2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

RN 849226-12-6 CAPLUS

CN Benzeneacetamide, 4-chloro-N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849226-09-1 CAPLUS

CN Cyclopropanecarbozamide, 1-(4-chlorophenyl)-N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & \text{Et} & \\ & \text{O} & \text{Et} \\ & \text{N---} \text{CH}_2\text{---} \text{CH}_2\text{---} \text{NH---} \text{C---} \text{NH---} \\ & \text{Me} \\ & \text{C1} \\ \end{array}$$

RN 849226-10-4 CAPLUS

CN Cyclopropanecarboxamide, N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]earbonyl]amino]ethyl]-4-piperidinyl]-1-(4-methoxyphenyl)-(CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} & & & \\ & & & \\ Et & & \\ & & \\ NH-C-NH-CH_2-CH_2-N \end{array}$$

RN 849226-13-7 CAPLUS

CN Benzeneateamide, 4-chloro-N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-a,a-dimethyl- (CA INDEX NAME)

RN 849226-14-8 CAPLUS

CN Cyclopropanecarboxamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-1-(4-methoxyphenyl)-(CA NDEX NAME)

PAGE 1-A

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

PAGE 2-A

RN 849226-15-9 CAPLUS
CN Benzeneacetamide, 4-chloro-N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

RN 849226-16-0 CAPLUS

Cyclogroganecarboxamide, 1-(4-chlorophenyl)-N-cyclopropyl-N-[1-(2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl)- (CA INDEX NAME)

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

PAGE 1-A

PAGE 2-A



L6 ANSMER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
CN Cyclopropanecarboxamide, N-cyclopropyl-N-[1-[2-[[[2,6-dimethyl-4-pyridinyl]amino]carboxyl]amino]ethyl]-4-piperidinyl]-1-phenyl- (CA INDEX NAME)



PAGE 2-A

PAGE 1-A

RN 849226-18-2 CAPLUS CN Benzenesulfonamide, N-[1-[2-[[[{2,6-dimethyl-4-

RN 849226-17-1 CAPLUS

Page 37

ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridiny1) amino] carbony1] amino] ethy1] - 4-piperidiny1] - N-ethy1-2-methoxy-1000 amino] amino] ethy1-1000 amino] amino] ethy1-1000 am(CA INDEX NAME)

IT 849226-54-6P, [1-[2-[3-(2,6-Dimethylpyridin-4yl)ureido]ethyl]piperidin-4-yl](methyl)carbamic acid tert-butyl ester RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate, preparation of novel 2-piperidinoethyl quinolinyl ureas for use as urotensin II antagonists in combination with other pharmacol.

849226-54-6 CAPLUS

Carbamic acid, [1-[2-[[[(2,6-dimethyl-4-pyridinyl]methyl-appridinyl]mino]carbonyl]mino]ethyl]-4-piperidinyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

REFERENCE COUNT: THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS

L6 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:55196 CAPLUS DOCUMENT NUMBER: 142:156209 TITLE: Preparation of

3-oxo-4-aza-5α-androst-1-ene-17β-acetamide derivatives as androgen receptor modulators
Dankulich, William P.; Kaufman, Mildred L.; Meissner,

INVENTOR(S):

Robert S.; Mitchell, Helen J. Merck & Co., Inc., USA PCT Int. Appl., 158 pp. PATENT ASSIGNEE(S):

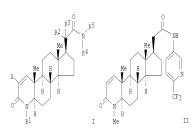
CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PAT	TENT I	NO.			KIN		DATE			APPL	ICAT	ION I	NO.		D	ATE	
	2005				A2				,	WO 2	004-	JS20	548		21	0040	625
	W:	ΑE,	AG,	AL,	AM,	AT,	AU,	AΖ,	BA,	BB,	BG,	BR,	B₩,	ΒY,	BΣ,	CA,	CH,
		${\tt CN,}$	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	$\mathbb{D}\mathbb{Z}_{t}$	EC,	EE,	EG,	$\mathtt{ES}_{t}$	FI,	GB,	GD,
		GE,	GH,	GM,	HR,	ΗU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	$\mathbb{KP}_{t}$	KR,	KΣ,	LC,
		LK,	${\tt LR}_{t}$	LS,	LT,	LU,	LV,	MA,	$\mathbb{MD},$	MG,	MK,	MN,	MW,	$\mathtt{MX}_{t}$	$\mathbb{MZ}_{I}$	NA,	NI,
		NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,
		IJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW
	RW:	,						,	,		SL,	,				,	
		ΑZ,	${\tt BY}_t$	KG,	$\mathbb{KZ}_{I}$	$\mathbb{MD}_{I}$	RU,	TJ,	ΤM,	ΑT,	BΕ,	BG,	CH,	CY,	CZ,	DE,	DK,
		EE,	ES,	FI,	FR,	GB,	GR,	ΗU,	ΙE,	ΙT,	LU,	MC,	$NL_{i}$	PL,	PT,	RO,	SE,
		,		,	BF,	ΒJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	ΝE,
			TD,														
									AU 2004-256075						20040625		
	2004:						2008										
	2530															0040	625
ΕP	1641	535			A2		2006	0405		EP 2	004-	7771:	35		21	0040	625
	R:	,							,		IT,					MC,	PT,
											CZ,						
	1816								09 CN 2004-80018715								
					-				02 JP 2006-518688						20040625		
US 20060287326 A1						2006	1221	21 US 2005-557229 20				0051	117				
(IT)	APP:	LN.	INFO	.;			US 2003-483784P										
										WO 2	004-	US 20.	548	1	W 21	0040	625

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CASREACT 142:156209; MARPAT 142:156209



3-Oxo-4-aza-5α-androst-1-ene-17β-acetamide derivs., such as I
[X = H, halo; R1 = H, CF3, alkyl, alkoxy, halo, amino, alkylamino, CR2OH;
R2, R3 = H, halo, alkyl, amino, aminoalkyl, alkoxyalkyl, alkoxyalkyl,
alkoxyalkoynlakyl, cynon, perfluoroalkyl, alkylachonyl,
alkylcarbonylamino; R2R3 = oxo, spirocycloalkyl; R4, R5 = H, halo, alkyl,
alkenyl, alkynyl, carbonylalkyl, carbonylalkenyl, carbonylalkynyl,
cycloalkyl beterocychyl cynobeteroalkyl parboyanyl et bl. or a cycloalkyl, heterocyclyl, cycloheteroalkyl, carboxyaryl, etc.], or a pharmaceutically acceptable salt or an enantiomer thereof, were prepared for pharmaceuterity acceptance sait of an elantaceae thereor, were prepared for their use as modulators of the androgen receptor (AR) in a tissue selective manner. Thus, 3-oxo-4-aza-5-a-androst-1-ene-176-acetamide derivative II, was prepared via a multiple step reaction sequence starting from 4-methyl-3-oxo-4-aza-5-a-androst-1-ene-17-carboxylic acid and 3-anino-6-trifluoromethylpyridine. The prepared compds are useful as agonists of the androgen receptor in bone and/or muscle tissue while antagonizing the AR in the prostate of a male patient or in the uterus of a female patient. I are therefore useful in the enhancement of weakened muscle tone and the treatment of conditions caused by androgen deficiency or which can be ameliorated by androgen administration, including osteoporosis, osteopenia, glucocorticoid-induced osteoporosis, periodontal disease, bone fracture, bone damage following bone reconstructive surgery, sarcopenia, frailty, aging skin, male hypogonadism, postmenopausal symptoms in women, atherosclerosis, hypercholesterolemia, hyperlipidemia,

L6 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Allaheimer's disease, muscular dystrophies, cognitive impairment, decreased libido, premature ovarian failure, and autoimmune disease, alone or in combination with other active agents.

827584-27-0P

RI: FAC (Pharmacological activity); SFN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(Uses)
(preparation of 3-oxo-4-aza-5α-androst-1-ene-17β-acetamide derivs. as androgen receptor modulators and their therapeutic uses)
RN 827584-27-0 CAPLUS
CN 1H-Indeno[5,4-f]quinoline-7-acetamide,

14. Alexander (7,7-1) quinolance - accumance; 2,44,40,5,6,6a,7,8,9,9a,7b,10,11,11a-tetradecahydro-4a,6a-dinethyl-2-oxo-N-[6-[[[2-(1-piperidinyl)ethyl]anino]carbonyl]anino]-2-pyridinyl]-, (4aR,4bS,6aR,7R,9aS,9bS,11aR)- (CA INDEX NAME)

Absolute stereochemistry.

L6 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN

(Continued) PAGE 2-A

REFERENCE COUNT:

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN

(Continued) PAGE 1-A

L6 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 2004:203828 CAPLUS

DOCUMENT NUMBER: 140:253450

TITLE:

Preparation of azaarene derivatives as neovascularization inhibitors

INVENTOR(S):

Tsuruoka, Akihiko; Matsushima, Tomohiro; Matsukura, Masayuki; Miyazaki, Kazuki; Takahashi, Keiko; Kamata,

Junichi; Fukuda, Yoshio Eisai Co., Ltd., Japan PCT Int. Appl., 347 pp. PATENT ASSIGNEE(S): SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PA'	TENT :	NO.			KIN	D	DATE			APPL	ICAT	ION :	NO.		D.	ATE	
WO	2004	0204	34		A1		2004	0311	,	WO 2	003-	JP10	964		2	0030	828
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		CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	ES,	FI,	GB,	GD,	GE,	GH
		GM,	HR,	HU,	ID,	$\mathrm{IL}_{t}$	IN,	IS,	JP,	KΕ,	KG,	KP,	$KR_{I}$	$KZ_{I}$	LC,	LK,	LF
		LS,	LT,	LU,	LV,	MΑ,	MD,	MG,	MK,	MN,	MW,	MX,	MΖ,	NI,	NO,	NZ,	OM:
		PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	TJ,	TM,	TN,	TR,	TI
		TZ,	UA,	UG,	US,	UZ,	VC,	WN,	YU,	ZA,	ZM,	ZW					
	RW:	GH,	GM,	KE,	LS,	MW,	MZ,	SD,	SL,	SZ,	TZ,	UG,	$\mathbb{Z}M_{r}$	ZW,	AM,	AZ,	ВУ
		KG,	KΖ,	MD,	RU,	TJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES
		FI,	FR,	GB,	GR,	ΗU,	ΙE,	IT,	LU,	MC,	NL,	PΤ,	RO,	SE,	SI,	SK,	TF
		BF,	ΒJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	G₩,	ML,	MR,	NE,	SN,	TD,	TO
CA	2488	739			A1		2004	0311	-	CA 2	003-	2488	739		2	0030	828
AU	2003	2618	07		A1		2004	0319		AU 2	003-	2618	07		2	0030	828
AU	2003	2618	07		B2		2007	0104									
AU	2003	2618	07		В9		2007	0215									
EP	1522	540			A1		2005	0413		EP 2	003-	7913	89		2	0030	828
	R:	ΑT,	ΒE,	CH,	DE,	DK,	ES,	$FR_{i}$	GB,	GR,	IT,	LI,	LU,	${\rm NL}_{\rm r}$	SE,	MC,	PΤ
		IE,	SI,	LT,	LV,	${\rm FI}_{t}$	RO,	MK,	CY,	$\mathbb{AL}_{I}$	TR,	BG,	CZ,	EE,	HU,	SK	
BR	2003	0138	71		A		2005	0719		BR 2	003-	1387	1		2	0030	828
CN	1678	607			A		2005	1005		CN 2	003-	8202	71		2	0030	828
CN	1003	3937	6		C		2007	0926									
ΝZ	5386	17			A		2005	1223	3 NZ 2003-538617					20030828			
	2310						2007	1120		RU 2	005-	1089	99		2	0030	828
JΡ	4183	193			B2		2008	1119		JP 2	004-	5327	61		2	0030	828

#### 06/05/2009

#### 10-573,516-1.trn

L6	ANSWER 6 OF 7	CAPLUS COP	YRIGHT 2009	ACS	on STN	(Continue	ed)
	US 20050187236	A1	20050825	US	2003-651496		20030829
	US 7109219	B2	20060919				
	IN 2004CN02961	A	20060217	IN	2004-CN2961		20041228
	US 20060004029	A1	20060105	US	2005-521074		20050112
	MX 2005001536	A	20050419	MX	2005-1536		20050208
	NO 2005001577	A	20050527	NO	2005-1577		20050329
	US 20070004764	A1	20070104	US	2006-507082		20060818
	US 7468380	B2	20081223				
PRIO	RITY APPLN. INFO	.:		JP	2002-253123	A	20020830
				US	2003-464690	P P	20030422
				WO	2003-JP1096	4 W	20030828
				US	2003-651496	A3	20030829
OTHE	SOURCE(S):	MARPAT	140:253450				

R4 R9

- AB The title compds. I [X1 is nitrogen or a group represented by the general formula CR10; X2 is nitrogen or a group represented by the general formula CR11; Y is oxygen or the like; R1 is C1-6 alkoxy, optionally substituted C6-10 aryloxy, a group represented by the general formula NR12aR12b, or the like; R2 is hydrogen, optionally substituted C1-6 alkyl,
- L6 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

- RN 670250-40-5 CAPLUS
- CN 1B-IndoLe-1-carboxamide, 5-[[2-[[[[(1R)-1-{hydroxymethyl)-2-oxo-2-(1-piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA INDEX NAME)

#### Absolute stereochemistry.

- RN 670250-41-6 CAPLUS
- CN 1B-Indole-1-carboxamide, 5-[[2-[[[(1S)-1-(hydroxymethyl)-2-(4-hydroxy-1-piperidinyl)-2-oxoethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl-(CA INDEX NAME)

Absolute stereochemistry.

# Page 40

- L6 ANSMER 6 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) or the like; R3 R8, R10, and R11 are each independently hydrogen, halogeno, optionally substituted C1-6 alkyl, or the like; R9 is a group represented by the general formula NR16aR16b, or the like; and R12a, R12b, R16a, and R16b are each independently hydrogen, optionally substituted C1-6 alkyl, or the like; are prepd. Compds. of this invention showed IC50 values of 3 mM to 40 nM against VERFER kinase.

  IT 670250-27-8P 670250-39-2P 670250-40-5P
- IT 670250-27-8P 670250-39-2P 670250-40-5P 670250-41-6P 670250-45-0P 670250-41-6P 670250-45-0P 670250-49-4P 670250-76-7P 670250-77-8P 670250-78-9P 670250-82-5P 670250-83-6P 670250-97-2P 670250-99-4P 670251-32-8P 670251-37-3P

RL: PAC (Pharmacological activity); SFN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of azaarene derivs. as neovascularization inhibitors)

RN 670250-27-8 CAPLUS

CN IR-Indole-1-carboxamide, 5-[[2-[[[[2-(4-hydroxy-4-methyl-1-piperidinyl)-2-oxoethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA INDEX NAME)

RN 670250-39-2 CAPLUS

CN 1H-Indole-1-carbozamide, 5-[[2-[[[[(1S)-1-(hydroxymethyl)-2-oxo-2-(1-piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

L6 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 670250-45-0 CAPLUS

THE Indole-1-carboxamide, 5-[[2-[[[]3-(4-hydroxy-4-methyl-1-piperidinyl)-3-oxopropyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA INDEX NAMN)

RN 670250-49-4 CAPLUS

CN 1H-Indole-1-carboxamide, 5-[[2-[[[]3-(4-hydroxy-1-piperidinyl)propyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA NNDEX NNME)

RN 670250-76-7 CAPLUS
CN 1H-Indole-1-carboxamide, N-ethyl-5-[[2-[[[[(1R)-1-(hydroxymethyl)-2-oxo-2-(1-piperidiny1)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]- (CA INDEX

Absolute stereochemistry.

HE-Indole-1-carboxamide, N-ethyl-5-[[2-[[[[(1S)-1-(hydroxymethyl)-2-oxo-2-(1-piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]- (CA INDEX

Absolute stereochemistry.

L6 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 670250-83-6 CAPLUS
CN 1H-Indole-1-carboxamide, 5-[[2-[[[[2-(4-hydroxy-1-piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA INDEX NAME)

RN 670250-97-2 CAPLUS
CN 1H-Indole-1-carboxamide, N-cyclopropyl-5-[[2-[[[[(1R)-1-(hydroxymethyl)-2-oxo-2-(1-piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxyl- (CA INDEX NAME)

Absolute stereochemistry.

L6 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 670250-78-9 CAPLUS

1H-Indole-1-carboxamide, N-ethyl-5-[[2-[[[[2-(4-hydroxy-4-methyl-1piperidinyl)-2-oxoethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]- (CA INDEX NAME)

RN 670250-82-5 CAPLUS

1H-Indole-1-carboxamide, N-ethyl-5-[[2-[[[[2-(4-hydroxy-1piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]- (CA INDEX NAME)

L6 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 670250-99-4 CAPLUS CN 1H-Indole-1-carboxam

HH-Indole-1-carboxamide, N-cyclopropyl-5-[[2-[[[[(1S)-1-(hydroxymethyl)-2-oxo-2-(1-piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxyl- (CA INDEX NAME)

Absolute stereochemistry.

IM-Indole-1-carboxamide, 3-chloro-5-[[2-[[[[3-(4-hydroxy-1-piperidinyl)propyl]amino]-4-pyridinyl)pxy]-N-methyl- (CA CN

670251-37-3 CAPLUS

piperidinyl)propyl]amino]carbonyl]amino]-4-pyridinyl]oxy]- (CA INDEX

REFERENCE COUNT:

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6	ANSWER 7 OF 7	CAPLUS COP	YRIGHT 2009	ACS	on STN	(Continued	1)
	CN 1617718	A	20050518	CN	2002-827755	2	0021203
	AT 404190	T	20080815	AT	2002-782401	2	0021203
	ES 2312637	T3	20090301	ES	2002-782401	2	0021203
	ZA 2004004395	A	20050901	ZA	2004-4395	2	0040603
	MX 2004005503	A	20041206	MX	2004-5503	2	0040604
PRIOR	RITY APPLN. INF	0.:		US	2001-3372621	P 2	0011204
				US	2002-3998531	P 2	0020731
				WO	2002-US38408	3 W 2	0021203
OTHER	R SOURCE(S):	MARPAT	139:36348				

The present invention discloses N-aryl-N'-arylcycloalkylureas ArXNR2/C(4XNN[XR1)(2Ar1); I; variables defined below; e.g.
N'-(3-trifluoro-4-fluorophenyl)-N-[trans-4-(3-cyanophenyl)-4hydroxycyclohexyl]-N-[2-(1-pytrolidinyl)ethyl]urea hydrochloride), which (R7)p-substituted arylo r (R7)p-substituted heteroaryl (p = 1-3; each R7 = alkyl, cycloalkyl, halo, -CN, alkozy, -CF3, -CCF3, pyrazolyl, etc.). Ar2 is aryl, heteroaryl, (R7)p-substituted arylo r (R7)p-substituted heteroaryl (p = 1-3; each R7 = alkyl, cycloalkyl, halo, -CN, alkozy, -CF3, -CCF3, pyrazolyl, etc.); X is O, S or N-(CN); Y is a single bond or alkylene; Z is a C4-C8 cycloalkylene or C4-C8 heterocycloalkylene; or R1

#### Page 42

L6 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 2003:454109 CAPLUS 139:36348

DOCUMENT NUMBER:

TITLE:

Preparation of N-aryl-N'-arylcycloalkyl-urea derivatives as MCH antagonists for the treatment of

obesity

INVENTOR(S): Clader, John W.; Palani, Anandan; Xu, Ruo; McBriar,

Mark D.; Su, Jing; Tang, Haiqun Schering Corporation, USA

PATENT ASSIGNEE(S): SOURCE: PCT Int. Appl., 253 pp. CODEN: PIXXD2

DOCUMENT TYPE: LANGUAGE: English FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PAT	ENT	NO.					DATE		APPLICATION NO.							ATE		
WO	2003	0475	68															
	W:	AE,	AG,	AL,	AM,	AT,	AU,	ΑZ,	BA,	BE	3,	BG,	BR,	BY,	BΣ,	CA,	CH,	CN
		CO,	CR,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE	Ξ,	ES,	FI,	GB,	GD,	GE,	HR,	HU
		ID,	IL,	IN,	IS,	JP,	KG,	KR,	KΖ,	LC	Ξ,	LK,	LR,	LT,	LU,	LV,	MA,	MD
		MG,	MK,	MN,	ΜX,	ΜZ,	ΝΟ,	NΣ,	PH,	PI	.,	PT,	RO,	RU,	SC,	SE,	SG,	SK
		SL,	TJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UZ	Ξ,	VC,	VN,	YU,	ZA,	$\mathbb{Z}\mathbb{M}$		
	RW:	GH,	GM,	KE,	LS,	MW,	MZ,	SD,	SL,	SZ	3,	TZ,	UG,	ZM,	ZW,	AM,	ΑZ,	BY
		KG,	$KZ_{I}$	$\mathbb{MD}_{r}$	RU,	TJ,	TM,	ΑT,	BE,	BG	3,	CH,	CY,	CZ,	DE,	DK,	EE,	ES
		FI,	FR,	GB,	GR,	IE,	IT,	LU,	MC,	NL	٠,	PT,	SE,	SI,	SK,	$TR_{\prime}$	BF,	ВJ
		CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	G₩,	MI	.,	MR,	ΝE,	SN,	TD,	TG		
CA	2468	967			A1		2003	0612		CA	20	002-	2468	967		2	0021	203
AU	2002	3482	69		A1		2003	0617		AU	20	002-	3482	59		2	0021	203
US	2004	0122	017		A1		2004	0624		US	20	002-	3087	32		2	0021	203
US	7348	328			В2		2008	0325										
EΡ	1453	501			A1		2004	0908		EP	20	002-	78241	01		2	0021	203
EΡ	1453	501			В1		2008	0813										
	R:	ΑT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GF	3,	IT,	LI,	LU,	NL,	SE,	MC,	PT
		IE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL		TR,	BG,	CZ,	EE,	SK		
HU	2005	0000	34		A2		2005	0428		HU	20	05-	34			2	0021	203
.TD	2005	5116	56		т		2005	1428		TD	20	JU 3 -	6400	2.2		2	0021	203

L6 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2009 ACS on STN (Continue is -N(R3)2, -N(H)C(O)alkyleneN(R3)2, -C(O)N(H)alkyleneN(R3)2, (Continued) -C(O)N(alkyl)alkyleneN(R3)2, -alkyleneC(H)(OH)alkyleneN(R3)2,
-N(alkyl)alkyleneN(R3)2, -N(H)alkyleneC(O)R5,
-N(alkyl)alkyleneN(alkyl)SO2R5 or -N(alkyl)alkyleneC(O)N(R3)2; R2 = H, -m(almy)-almy-enemialmy)-outh Or -m(almy)-lamylene((O)M(E))2; KZ = E, alky]: addnl. details are given in the claims. Although the methods of prepn. are not claimed, many example prepns, and characterization data for hundreds of I are included. Ki values for binding of many I to the MCH receptor are tabulated; they range from 1 to 600 nM, e.g. 1.6 nM for II. 50.0786.13.28.

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(drug candidate; preparation of N-aryl-N'-arylcycloalkyl-urea derivs. as MCH antagonists for treatment of obesity)

540786-13-8 CAPLUS Carbamic acid, (2,6-dichloro-4-pyridinyl)-,

Galzanic axid, (2,0-archivot-s-pj.rdm,)1-7, [[(2,6-dichloro-4-pyridinyl)amino]carbonyl)bicyclo[4.1.0]hept-3-yl][[(2,6-dichloro-4-pyridinyl)amino]carbonyl]amino]ethyl]-3-azabicyclo[3.1.0]hex-2-yl]methyl ester (9CI) (CA INDEX NAME)

PAGE 1-A

PAGE 2-A

L6 ANSMER 7 OF 7 CAPLUS COPYRIGHT 2009 ACS on SIN (Continued)
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

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* * * * * RECONNECTED TO STN INTERNATIONAL * SESSION RESUMED IN FILE 'CAPLUS' AT 10:00:43 ON FILE 'CAPLUS' ENTERED AT 10:00:43 ON 05 JUN 2009	05 JUN 2009	
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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	41.48	229.50
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)		
ON AUDOODIDED DOTOE		SESSION
CA SUBSCRIBER PRICE	-5./4	-5.74
=> fil reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	42.48	230.50
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)		
	ENTRY	SESSION
CA SUBSCRIBER PRICE		-5.74

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STRUCTURE FILE UPDATES: 4 JUN 2009 HIGHEST RN 1152369-03-3 DICTIONARY FILE UPDATES: 4 JUN 2009 HIGHEST RN 1152369-03-3

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http://www.cas.org/support/stngen/stndoc/properties.html

=>

Uploading C:\Program Files\Stnexp\Queries\10-573,516-1b.str

chain nodes : 7 8 9 10 13

06/05/2009 10-573,516-1.trn

ring nodes :

1 2 3 4 5 6 14 15 16 17 18 19

chain bonds :

5-7 7-8 8-9 9-10 9-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 14-15 14-19 15-16 16-17 17-18 18-19

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 7-8 8-9 9-10 9-13

normalized bonds :

14-15 14-19 15-16 16-17 17-18 18-19

isolated ring systems :
containing 1 : 14 :

G1:C,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom

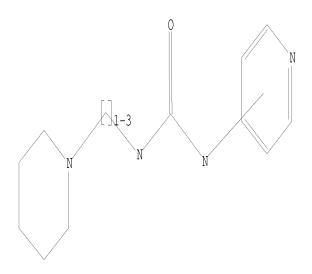
L7 STRUCTURE UPLOADED

=> d 17

L7 HAS NO ANSWERS

L7 STR

G1 C,S



Structure attributes must be viewed using STN Express query preparation.

=> s 17 sss sam SAMPLE SEARCH INITIATED 10:02:31 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 1079 TO ITERATE

21 ANSWERS 100.0% PROCESSED 1079 ITERATIONS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\* BATCH \*\*COMPLETE\*\* PROJECTED ITERATIONS: 19610 TO 23550

PROJECTED ANSWERS: 145 TO 693

L8 21 SEA SSS SAM L7

=> s 17 sss full

FULL SEARCH INITIATED 10:02:42 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 21246 TO ITERATE

100.0% PROCESSED 21246 ITERATIONS 504 ANSWERS

SEARCH TIME: 00.00.02

1,9 504 SEA SSS FUL L7

=> file caplus

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION FULL ESTIMATED COST 186.36 416.86

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL SESSION ENTRY

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FILE COVERS 1907 - 5 Jun 2009 VOL 150 ISS 24 FILE LAST UPDATED: 4 Jun 2009 (20090604/ED) REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2009 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2009 CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate

=> s 19 L10 60 L9

 $\Rightarrow$  s 19 and (py<2005 or ay<2005 pry<2005)

NUMERIC VALUE NOT VALID 'AY'

Numeric values may contain 1-8 significant figures. If range notation is used, both the beginning and the end of the range must be specified, e.g., '250-300/MW'. Expressions such as '250-/MW' are not allowed. To search for values above or below a given number, use the >, =>, <, or <= operators, e.g., 'MW => 250'. Text terms cannot be used in numeric expressions. If you specify a unit, it must be dimensionally correct for that field code. To see the unit designations for field codes in the current file, enter "DISPLAY UNIT ALL" at an arrow prompt (=>).

 $\Rightarrow$  s 18 and (py<2005 or ay<2005 pry<2005)

NUMERIC VALUE NOT VALID 'AY'

Numeric values may contain 1-8 significant figures. If range notation is used, both the beginning and the end of the range must be specified, e.g., '250-300/MW'. Expressions such as '250-/MW' are not allowed. To search for values above or below a given number, use the >, =>, <, or <= operators, e.g., 'MW => 250'. Text terms cannot be used in numeric expressions. If you specify a unit, it must be dimensionally correct for that field code. To see the unit designations for field codes in the current file, enter "DISPLAY UNIT ALL" at an arrow prompt (=>).

## => d hist

(FILE 'HOME' ENTERED AT 09:45:16 ON 05 JUN 2009)

FILE 'REGISTRY' ENTERED AT 09:45:34 ON 05 JUN 2009

STRUCTURE UPLOADED L1

L2 23 S L1 SSS SAM

L3 STRUCTURE UPLOADED

L4 11 S L3 SSS SAM L5 173 S L3 SSS FULL

FILE 'CAPLUS' ENTERED AT 09:48:37 ON 05 JUN 2009

L6 7 S L5

FILE 'REGISTRY' ENTERED AT 10:02:05 ON 05 JUN 2009

L7 STRUCTURE UPLOADED

21 S L7 SSS SAM L8

504 S L7 SSS FULL L9

FILE 'CAPLUS' ENTERED AT 10:02:59 ON 05 JUN 2009

L10 60 S L9

=> d ibib abs hitstr 1-

YOU HAVE REQUESTED DATA FROM 60 ANSWERS - CONTINUE? Y/(N):y

L10 ANSWER 1 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: DOCUMENT NUMBER: 2008:668706 CAPLUS 149:224056

Structure activity relationships of

AUTHOR(S):

of notine activity Feractionships of quinoline-containing c-Met inhibitors Kung, Pei-Pei; Funk, Lee; Meng, Jerry; Alton, Gordon; Fadrique, Ellen; Mroczkowski, Barbara La Jolla Laboratories, Pfizer Global Research and Development, San Diego, CA, 92121, USA CORPORATE SOURCE:

SOURCE: European Journal of Medicinal Chemistry (2008), 43(6), 1321-1329

CODEN: EJMCA5; ISSN: 0223-5234

PUBLISHER: DOCUMENT TYPE: Elsevier Masson SAS Journal

English CASREACT 149:224056 LANGUAGE: OTHER SOURCE(S):

AB A series of quinoline-containing c-Met inhibitors, e.g., I, were prepared and A series of quintime-containing c-met imminiors, e.g., i, were prepared and studied. Chemical was developed to introduce a pyridyl molety onto the 2-aryl ring present in a lead mol. which mitigated the potential for quinon formation relative to the original compound The study also assessed the importance of an acylthiourea molety present in the lead structure for effective binding to the c-Met protein ATP site.

L10 ANSWER 1 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

PAGE 2-A

RN 871690-69-6 CAPLUS

Urea, N-[5-[(6,7-dimethoxy-4-quinoliny1)oxy]-2-pyridiny1]-N'-[2-oxo-2-(1-piperidiny1)ethy1]- (CA INDEX NAME)

PAGE 1-A

L10 ANSWER 1 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

ANSMER 1 OF 60 CMPUNS CUPTRIGHT 2007 MCS on 510 COMMISSION 871690-64-1P 871690-69-6P REP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (preparation, c-Met inhibitory activity and SAR of pyridinyloxyquinoline derivs. starting from chlorodimethoxyquinoline)

RN 871690-64-1 CAPLUS

1-Piperidineacetamide, N-[[[5-[(6,7-dimethoxy-4-quinoliny1)oxy]-2-pyridiny1]amino]carbony1]- (CA INDEX NAME)

PAGE 1-A

L10 ANSWER 1 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

PAGE 2-A

REFERENCE COUNT:

THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: DOCUMENT NUMBER: 2007:1120606 CAPLUS

147:406845

Preparation of diazaheterocycles as calcitonin gene

related peptide receptor antagonists for treating migraine and other conditions

INVENTOR(S):

Chen, Ling; Chaturvedula, Prasad V.; Civiello, Rita; Degnan, Andrew P.; Dubowchik, Gene M.; Han, Xiaojun; Jiang, Xiang Jun J.; Karageorge, George N.; Luo,

Guanglin; Macor, John E.; Poindexter, Graham S.; Tora,

George O.

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

U.S. Pat. Appl. Publ., 215pp., Cont.-in-part of U.S. Ser. No. 729,155. SOURCE:

CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO. DATE	ION NO. DAT	
US 20070232600	A1	20071004	US 2007-620291 20070105	-620291 200	105
US 7314883	B2	20080101			
US 20040204397	A1	20041014	US 2003-729155 20031205	-729155 200	205
US 7220862	B2	20070522			
PRIORITY APPLN. INFO.:			US 2003-729155 A2 20031205	-729155 A2 200	205
			US 2002-386138P P 20020605	-386138P P 200	605
			US 2002-388617P P 20020613	-388617P P 200	613
			US 2002-389870P P 20020619	-389870P P 200	619
			US 2002-393200P P 20020701	-393200P P 200	701
			US 2002-413534P P 20020925	-413534P P 200	925
			US 2003-445523 A2 20030527	-445523 A2 200	527
OTHER SOURCE(S):	MARPAT	147:406845			

L10 ANSWER 2 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (prepn. of diazaheterocycles as calcitonin gene related peptide receptor antagonists for treating migraine and other diseases) RN  $\,$  635712-01-5 CAPLUS

Urea, N-[(18)-1-(1,4'-bipiperidin)-1'-ylcarbonyl)-3-[4-(1,4-dihydro-2-oxo-3(2H)-quinazolinyl)-1-piperidinyl]-3-oxopropyl]-N'-(2,6-dichloro-4-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

REFERENCE COUNT:

THERE ARE 119 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE L10 ANSWER 2 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} O & & & \\ \hline & U & & & \\ \hline & V & & & \\ \hline & D & & & \\ \hline & & N & & A-E \\ & & (CH_2)_m & & \\ \hline & & (CH_2)_m & & \\ \hline \end{array}$$

AB Diazaheterocycles I [m, n = 0-2; V = (un)substituted NH2, OH; Q = Datameterocycles I  $[m, n = 0.2, V = Uni/Substituten Nni, Mi <math>V = U_1 = U_2 = U_1 = U_2 =$ shock, flushing associated with menopause, airway inflammatory diseases, such as asthma and chronic obstructive pulmonary disease (COPD). Thus, the indazole II was prepared from 1H-indazole-5-carboxaldehyde and had IC50 for calcitonin gene related peptide receptor binding of  $\leq$  10 nM. 635712-01-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

L10 ANSWER 3 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN 2007:912269 CAPLUS

ACCESSION NUMBER:

DOCUMENT NUMBER: 147:277915

Preparation of 4-phenylpiperidine-substituted amino TITLE:

acid derivatives, particularly valine amides, as modulators of chemokine receptor activity and their use in the treatment of inflammatory and autoimmune

INVENTOR(S): Carter, Percy H.; Cavallaro, Cullen L.; Duncia, John V.; Gardner, Daniel S.; Hynes, John; Liu, Rui-Qin;

Santella, Joseph B.; Dodd, Dharmpal S. Bristol-Myers Squibb Company, USA

PATENT ASSIGNEE(S): SOURCE:

PCT Int. Appl., 515pp.

CODEN: PIXXD2 DOCUMENT TYPE:

Patent

English

LANGUAGE: FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

	TENT :						DATE				ICAT				_	ATE	
	2007						2007										
wo	2007	0926	81		A3		2009	0312									
	W:	AE,	AG,	AL,	AM,	ΑT,	ΑU,	AΣ,	BA,	BB,	BG,	BR,	BW,	ΒY,	BΣ,	CA,	CH,
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
		GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KM,	KN,
		$\mathbb{KP}_{t}$	$KR_{I}$	KZ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	MK,
		MN,	MW,	MX,	ΜY,	ΜZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,
		$\mathbb{RS}_{t}$	$\mathbb{R} \mathbb{U}_{t}$	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	$\mathbb{T}\mathbb{J}_{t}$	TM,	TN,	${\rm TR}_{i}$	TT,
		TZ,	UA,	UG,	US,	UZ,	VC,	VN,	ZA,	ZM,	ZW						
	RW:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	IE,
		IS,	IT,	LT,	LU,	${\tt LV}_{\rm r}$	MC,	NL,	$\mathtt{PL}_{\text{\tiny{\textbf{I}}}}$	PT,	RO,	SE,	SI,	SK,	TR,	BF,	ΒJ,
		CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	G₩,	$ML_{I}$	MR,	NE,	SN,	TD,	TG,	B₩,	GH,
		$\mathtt{GM}_{t}$	$\mathbb{KE}_{I}$	LS,	MW,	$MZ_{I}$	NA,	SD,	SL,	SZ,	TZ,	ŪG,	${\rm ZM}_{\rm r}$	ZW,	AM,	$\mathbb{AZ}_{I}$	ΒY,
		KG,	KΖ,	MD,	RU,	TJ,	TM,	AP,	EA,	EP,	OA						
US	2007	0208	056		A1		2007	0906		US 2	007-	6258	74		2	0070	123
AU	2007	2122	36		A1		2007	0816		AU 2	007-	2122	36		2	0070	125
CA	2651	987			A1		2007	0816		CA 2	007-	2651	987		2	0070	125
EΡ	2049	486			A2		2009	0422		EP 2	007-	7636	50		2	0070	125
	R:	ΑT,	BΕ,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR.,	ΗU,	IE,
		IS,	IT,	LI,	LT,	LU,	LV,	MC,	${\rm NL}_{\rm r}$	PL,	PT,	RO,	SE,	SI,	SK,	TR,	HR
IN	2008	DN06	339		A 20081024			4 IN 2008-DN6339						20080721			

#### 06/05/2009

## 10-573,516-1.trn

L10 ANSWER 3 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) NO 2008003359 KR 2008095890 20081015 NO 2008-3359 20081029 KR 2008-720904 20080731 20080826 PRIORITY APPLN. INFO.: US 2006-762801P 20060127 US 2007-625874 A 20070123 WO 2007-US61012 W 20070125 OTHER SOURCE(S): MARPAT 147:277915

Title compds. I [T = CO, COO, CONH, CON-alkvl, SO2; R1 = (un) substituted cyclo/alkyl, (hetero)aryl, heterocyclyl; R2 = cycloalkyl/cyclo/alkyl,

L10 ANSWER 3 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

L10 ANSWER 3 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Alkenja S G NO GARDOS COFINION 2009 RLS on SIN (Continues) alkenja optionally substituted with OH; R3 at each occurrence = alkyl; or any 2 B3's attached to the same C may form a 3-6 membered ring; W = H, F, OH, CN, NH2; R5 = halo, CN, alkoxy; W and one R5 together with the C atoms to which each is attached may form an (un)substituted 3-6 membered of contg. ring; m at each occurrence = independently 0-2; n = 1-3; and their concy. Things im a cean occurrence - Independently 0-2, N = 2-7, and their stereoisomers, prodrugs and pharmaceutically acceptable salts] were prepd. as modulators of CCR-1 and MIP-1, esp. MIP-1a receptors. Thus, valine amide II was prepd. using N-(tert-butoxycarbonyl)-D-valine, 4-(4-chlorophenyl)piperidine hydrochloride, and benzoic acid. All the invention compds were evaluated for their chemokine receptor modulatory activity. Wethods of treating and preventing inflammatory diseases such as asthma and allergic diseases, as well as autoimmune pathologies such as rheumatoid arthritis and atherosclerosis using said modulators are disclosed.

946591-09-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

 $\dot{p}$ reparation of piperidine-substituted amino acid derivs., particularly waline amides, as chemokine receptor modulators)  ${\tt RN} = 946591-09-9 \quad {\tt CAPLUS}$ 

Urea, N-[(IR)-1-[[4-(4-chloropheny1)-4-hydroxy-3,3-dimethyl-1-piperidiny1]carbony1]-2-methylpropy1]-N\*-3-pyridiny1- (CA INDEX NAME)

Absolute stereochemistry.

L10 ANSWER 4 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER:

DOCUMENT NUMBER: 147:211881

New cyclic ureas, especially substituted TITLE:

3-phenylimidazolidine-2,4-dione, their preparation and their pharmaceutical use as protein kinase inhibitors, particularly IGF-1R inhibitors, and antiproliferative

INVENTOR(S):

Halley, Frank; El-Ahmad, Youssef; Certal, Victor; Strobel, Hartmut; Ritter, Kurt; Ruf, Sven; Dagallier,

Anne; Venot, Corinne Aventis Pharma S.A., Fr.

PATENT ASSIGNEE(S): SOURCE: PCT Int. Appl., 173pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: FAMILY ACC. NUM. COUNT: French PATENT INFORMATION:

	TENT :				KIN		DATE			APPL					_	ATE	
	2007						2007			WO 2						 0070	
wo	2007	0830	17		A3		2008	0214									
	W:	ΑE,	AG,	AL,	AM,	ΑT,	ΑU,	ΑZ,	BA,	BB,	BG,	BR,	BW,	ΒY,	BΣ,	CA,	CH,
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
		GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	${\rm IL}_{t}$	IN,	IS,	JP,	KE,	KG,	KM,	KN,
		KP,	KR,	KΣ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	MK
		MN,	MW,	MX,	MY,	ΜZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO
		RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	TJ,	TM,	TN,	TR,	TT
		TZ,	UA,	UG,	US,	UZ,	VC,	VN,	ZA,	ZM,	ZW						
	RW:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	IE
		IS,	IT,	LT,	LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	BF,	BJ
		CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	TG,	BW,	GH
		GM,	KΕ,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,	ВУ
		KG.	KΖ,	MD,	RU,	TJ,	TM,	AP,	EA,	EP,	OA						
FR	2896	504			A1		2007	0727		FR 2	006-	567			2	0060	123
AU	2007	2068	43		A1		2007	0726		AU 2	007-	2068	43		2	0070	117
CA	2631	504			A1		2007	0726		CA 2	007-	2631	504		2	0070	117
EΡ	1979	339			A2		2008	1015		EP 2	007-	7181	15		2	0070	117
	R:	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE
		IS,	IT,	LI,	LT,	LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	AL
		BA.	HR.	MK.	RS												

L10	ANSWER 4 OF 60	CAPLUS (	COPYRIGHT 2009	ACS on STN (C	Continued)
	IN 2008KN02587	A	20090123	IN 2008-KN2587	20080625
	NO 2008002975	A	20080905	NO 2008-2975	20080701
	US 20090082379	A1	20090326	US 2008-173380	20080715
	KR 2008087851	A	20081001	KR 2008-717996	20080722
	CN 101370801	A	20090218	CN 2007-80002872	20080722
	MX 2008009474	A	20080804	MX 2008-9474	20080723
PRIO	RITY APPLN. INFO	.:		FR 2006-567	A 20060123
				WO 2007-FR79	W 20070117

AB Title compds. I [Ra, Rb = Me or CRaRb = cycloalkyl; when one of X1 and X2 is H, the other is alkyl; when one of X1 and X2 is CCF3 or SCF3, the other is NHCOR6; or X1 and X2 form with the Ph to which they are attached a dihydroindole optionally substituted by  $\geq 1$  alkyl and on its N by CO-alkyl-R3; R6 = alkyl optionally substituted with  $\geq 1$  identical or different R3; R3 = NH2 and derivs., alkoxy, heterocycloalkyl,

L10 ANSWER 4 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) ARDSHAR A OF OU CAPADOS COPERLEM ZOUS ALS ON SIN (Continued) (heterolary), aryloxy; R = (un)substituted pyridinyl, pyrimidinyl; their racemates, emantiomers and diastereomers, and their pharmaceutically acceptable acid or base addn. salts] were prepd. as protein kinase inhibitors, esp. IGF-IR inhibitors, for treating proliferative diseases, in particular neoplasm. Thus, a multi-step synthesis using 2-(methylthio)pyrimidine-4-carboxaldehyde, 3-(4-tert-butylphenyl)-5,5-dimethylimidazolidine-2,4-dione (prepn. given) and 3-bromopyridine was given for cyclic urea II. Selected dioxoimidazolidines II inhibited IGF-1R kinase with IC50 values in the range 10 nM - 100 nM in a fluorescence assay. 945104-19-8P, 1-[4-[[3-(4-tert-Butylphenyl)-5,5-dimethyl-2,4-

 $\label{locality} {\tt dioxoimidazolidin-1-y1]} {\tt methy1]} {\tt pyridin-2-y1] -3 -[2-(piperidin-1-y1)] -3 -[2-(piperidin-1-$ 

yl)ethyl]urea RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of cyclic ureas, especially dioxoimidazolidines, as IGF-IR inhibitors and antiproliferative agents)
945104-19-8 CAPLUS

Urea, N-[4-[[3-[4-(1,1-dimethylethyl)phenyl]-5,5-dimethyl-2,4-dioxo-1-imidazolidinyl]methyl]-2-pyridinyl]-N'-[2-(1-piperidinyl)ethyl]- (CA

L10 ANSWER 4 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

L10 ANSWER 5 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:705719 CAPLUS

DOCUMENT NUMBER: 147:118256

Preparation of piperidine-1-carboxamide derivatives

and spirocycles thereof as antagonists of calcitonin

gene-related peptide receptors INVENTOR(S):

Chaturvedula, Prasad V.; Chen, Ling; Civiello, Rita; Degnan, Andrew P.; Dubowchik, Gene M.; Han, Xiaojun; Jiang, Xiang Jun J.; Macor, John E.; Poindexter,

PATENT ASSIGNEE(S):

Graham S.; Tora, George O.; Luo, Guanglin Bristol-Myers Squibb Company, USA U.S. Pat. Appl. Publ., 198pp., Cont.-in-part of U.S. SOURCE:

Ser. No. 729,155. CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20070149503	A1	20070628	US 2007-620308	20070105
US 20040204397	A1	20041014	US 2003-729155	20031205
US 7220862	B2	20070522		
PRIORITY APPLN. INFO.:			US 2003-729155 A2	20031205
			US 2002-386138P P	20020605
			US 2002-388617P P	20020613
			US 2002-389870P P	20020619
			US 2002-393200P P	20020701
			US 2002-413534P P	20020925
			US 2003-445523 A2	20030527
OTHER SOURCE(S):	MARPAT	147:118256		

C1-3 alkylidene; s = 0 or 1; U = CH2, NH; R3 = (i) heterocycle having two CL-0 any latenery S=0 of  $I_1$  V=Ch2,  $m_1$   $K_3=\{1\}$  intercocycle having two S=0 to  $I_1$  membered fused rings, (iii) 4 to 6 membered heterocycle contq. 1-3 heteroatoms selected from O, N and S optionally contq. 1 to 2 carbonyls, (iii)  $C_3-7$  cycloalkyl, etc.; D=0, N(CN) or N(SO2-CL-3 alkyl);  $A=C_1$  m,  $n=I_1$  E=N, CH,  $C_1$  P=0; G, J and E together form a fused heterocycle having two S- to T-membered fused rings optionally contq. 1 or Zcarbonyls] or pharmaceutically acceptable salts thereof are prepd. These compds. are antagonists of calcitonin gene-related peptide receptors (CGRP receptor) and are useful in therapy for treatment of neurogenic vasodilation, neurogenic inflammation, migraine and other headaches, thermal injury, circulatory shock, flushing assocd. with menopause, airway inflammatory diseases, such as asthma and chronic obstructive pulmonary disease (COPD), and other conditions the treatment of which can be effected by the antagonism of CGRP-receptors. Thus, (R)-2-[[[4-(2-oxo-1,4-dihydro-2H-quinazolin-3-yl]piperidin-1-yl]carbonyl]amino]-3-[1-[[2-(trimethylsilanyl)ethyl]sulfonyl]-1H-indazol-5-yl]propionic acid was condensed with 4-piperidinopiperidine using PyBIOP in CR2C12 at room temp. for 16 h followed by treatment with CsF at 80° in MeCN to give (R)-4-(2-0xo-1,4-dihydro-2H-quinazolin-3yl)piperidine-1-carboxylic acid [2-[1,4']bipiperidinyl-1'-yl-1-(1H-indazol-5-ylmethyl)-2-oxoethyl]amide (II). II showed IC50 of ≤10 nM for inhibiting the binding of [1251]CGRP to homogenate of SK-NMC cells. 635712-01-5P

(Continued)

L10 ANSWER 5 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(preparation of piperidine-1-carboxamide derivs. and spirocyclic compds. thereof as antagonists of calcitonin gene-related peptide receptors) RN 635712-01-5 CAPLUS

Urea, N-[(18)-1-([1,4'-bipiperidin]-1'-ylcarbonyl)-3-[4-(1,4-dihydro-2-oxo-3(2B)-quinarolinyl)-1-piperidinyl]-3-oxopropyl]-N'-(2,6-dichloro-4-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

L10 ANSWER 5 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

The title compds. [I; V = N(R1)(R2) or OR4; R4 = H, C1-6 alkyl, C1-4 haloalkyl, etc.; R1, R2 = independently H, each (un)substituted C1-6 alkyl, C2-6 alkenyl, C2-6 alkynyl, -C1-6alkyleneamino(C1-3alkyl)2, C3-7 cycloalkyl, Ph, azetidinyl, adamantyl, tetrahydrofuranyl, furanyl, dioxolanyl, thienyl, tetrahydrofthienyl, pyrrolyl, pyrrolinyl, pyrrolidinyl, imidazolyl, imidazolinyl, imidazolidinyl, etc.; Rl and R2 optionally and independently contain 1 or 2 carbonyls or optionally and independently interrupted from the nitrogen to which C1-3 alkylene or C1-3 alkylidene; or NRIR2 together form each (un)substituted azetidinyl, pyrrolyl, pyrrolinyl, pyrrolidinyl, imidazolinyl, imidazolidinyl, pyrazolinyl, pyrazolidinyl, azepinyl, or diazepinyl, or spirocyclic ring, etc.; Q = (Sy)sR3, NH(Sy)sR3, NHC(O)(Sy)sR3, NHC(O)O(Sy)sR3, NHC(O)O(Sy)sR3, NHC(O)NH(Sy)sR3, O(Sy)sR3, (Sy)sNHR3, etc.; wherein Sy = C1-3 alkylene or

L10 ANSWER 5 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

L10 ANSWER 6 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:1124894 CAPLUS

145:449243 DOCUMENT NUMBER:

Therapeutic agents for amyloid  $A\beta$ -related

disorders based on enhanced production of the  ${\rm A}\beta\,(1\text{--}37)$  peptide and inhibition of  ${\rm A}\beta\,(1\text{--}42)$ 

INVENTOR(S): Watanabe, Hideki; Bernier, Francois; Miyagawa,

Takehiko

PATENT ASSIGNEE(S): Eisai Co., Ltd., Japan; Eisai R & D Management Co.,

Ltd.

SOURCE: PCT Int. Appl., 214pp.

CODEN: PIXXD2 Patent

DOCUMENT TYPE: English

LANGUAGE: E:
FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATEN	PATENT NO.					DATE			APPL	ICAT	ION :	NO.		D	ATE	
WO 20	061125	52				2006	1026			 006-					0060	
WO 20	061125	52		A3		2007	0802									
W	: AE,	AG,	AL,	AM,	ΑT,	AU,	AZ,	BA,	BB,	BG,	BR,	BW,	BY,	BΖ,	CA,	CH,
	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
						ID,										
						LT,										
						NZ,										
				,		TJ,										
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R	W: AT,		,			£2.	DE.	DK.	EE.	ES.	FT.	FR.	GR.	GR.	HII.	TR.
						MC,										
						GN,										
						NA,		,			UG,	ZM,	ZW,	AM,	AZ,	BY,
						TM,										
US 20	A1 20061026			6 US 2005-111504						2	0050	420				
PRIORITY A	PRIORITY APPLN. INFO.:							US 2005-111504						A 2	0050	420
GI																

L10 ANSWER 6 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Absolute stereochemistry.

L10 ANSWER 6 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB The present invention is based on the discovery that enhanced production of amyloid A $\beta$ (1-37) prevents  $\gamma$ -secretase-mediated production of A $\beta$ (1-40)/(1-42) from amyloid precursor protein (APP). In addition, A $\beta(1-37)$  and A $\beta(1-38)$  are extremely less toxic to cells than A $\beta(1-42)$ , and A $\beta(1-37)$  and A $\beta(1-38)$  have an inhibitory effect against A $\beta(1-42)$  aggregation. Compds. I-III are characterized by enhancing  ${\rm A}\beta(1-37)$  production, or are characterized by not only inhibiting  ${\rm A}\beta(1-40)/(1-42)$  production but also enhancing production of  ${\rm A}\beta(1-37)$ , which is less toxic to cells and exerts an inhibitory effect against A $\beta$ (1-42) aggregation, are safer and more efficient in inhibiting amyloid accumulation when compared to existing A $\beta$ (1-42) production inhibitors. Moreover,  $\lambda\beta(1-37)$  and  $\lambda\beta(1-38)$  are believed to inhibit amyloid accumulation. These compds. as well as  $\lambda\beta(1-37)$ and  $\mbox{A}\beta\,(1\mbox{--}38)$  effectively serve as active ingredients of therapeutic agents based on a new concept for treating  ${\rm A}\beta\text{-based}$  disease such as Alzheimer's disease and Down's syndrome. The present invention thus provides opposite that sown symbols. Comprising at least one member selected from a compound capable of enhancing  $\lambda\beta(1-37)$  production, a compound capable of inhibiting  $\lambda\beta(1-40)$  and  $\lambda\beta(1-42)$  production and enhancing  $\Delta\beta(1\text{--}37)$  production, and salts of the compds. and solvates thereof. 670250--40--5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(therapeutic agents for amyloid  $\lambda\beta\text{-related}$  disorders based on enhanced production of the  $\lambda\beta\,(1\text{--}37)$  peptide and inhibition of

A\(\beta(1-42)\) aggregation)
670250-40-5 CAPPUS

1H-Indole-1-carbozamide, 5-[[2-[[[(1R)-1-(hydroxymethyl)-2-oxo-2-(1piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA INDEX NAME)

L10 ANSWER 7 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN 2006:1122567 CAPLUS

ACCESSION NUMBER:

DOCUMENT NUMBER: 145:432230

Therapeutic agents for amyloid  $A\beta$ -related TITLE:

disorders based on enhanced production of the  $A\beta\,(1\text{--}37)$  peptide and inhibition of  $A\beta\,(1\text{--}42)$  aggregation

INVENTOR(S): Watanabe, Hideki; Bernier, Francois; Miyagawa,

Takehiko

PATENT ASSIGNEE(S): Eisai R & D Management Co., Ltd., Japan

PCT Int. Appl., 214pp. CODEN: PIXXD2 SOURCE:

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PA:	TENT :	NO.			KIN					APPL	ICAT	ION :	NO.									
WO	2006	1125	50				2006			WO 2	006-	JP30	8791			0060						
WO	2006	1125	50		A3		2007	0809														
	W:	${\rm AE}_{I}$	AG,	$\mathbb{AL}_{r}$	AM,	${\rm AT}_{I}$	ΑU,	$\mathbb{AZ}_{I}$	BA,	BB,	BG,	BR,	BW,	ΒY,	BΣ,	CA,	CH,					
		${\tt CN_{\it f}}$	CO,	CR,	CU,	$\mathbb{C}\mathbb{Z}_{t}$	DE,	$\mathbb{DK}_{I}$	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,					
		GΕ,	GH,	GM,	HR,	ΗU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KM,	KN,	$\mathbb{KP}_{I}$	KR,					
		ΚZ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	$\mathtt{MK}_{r}$	MN,	MW,	MX,					
		ΜZ,	NA,	NG,	NI,	NO,	NZ,	CM,	PG,	PH,	$PL_{r}$	PT,	RO,	RU,	SC,	SD,	SE,					
		SG,	SK,	SL,	SM,	SY,	TJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,					
		$\text{VN}_{t}$	YU,	ZA,	ZM,	ZW																
	RW:						CZ,	,														
		IS,	IT,	LT,	LU,	LV,	MC,	$\mathbb{NL}$ ,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	BF,	ΒJ,					
							GN,															
		GM,	KΕ,	LS,	MW,	ΜZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	ΑZ,	ΒY,					
							TM,															
									US 2005-111504						20050420							
															20060420							
	2605														_							
EΡ	1888												-		_							
	R:	ΑT,	BΕ,	BG,	CH,	CY,	CZ,	DE,	DK,	ΕE,	ES,	FI,	FR,	GB,	GR.,	ΗU,	ΙE,					
						LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	AL,					
			HR,																			
																	50420					
CN	101163715				A	20080416 CN 2006-80013212 20071							019									

L10 ANSWER 7 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 20071220 KR 2007-725974 US 2005-111504 KR 2007119742 20071108 PRIORITY APPLN. INFO.: 20050420 WO 2006-JP308791 GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB The present invention is based on the discovery that enhanced production of amyloid A $\beta$ (1-37) prevents  $\gamma$ -secretase-mediated production of A $\beta$ (1-40)/(1-42) from amyloid precursor protein (APP). In addition,  $A\beta(1-37)$  and  $A\beta(1-38)$  are extremely less toxic to cells than  $A\beta(1-42)$ , and  $A\beta(1-37)$  and  $A\beta(1-38)$  have an inhibitory effect against  $A\beta(1-42)$  aggregation. Compds. I-III are characterized by enhancing  $\lambda\beta(1-37)$  production, or are characterized by not only inhibiting  $\lambda\beta(1-40)/(1-42)$  production but also enhancing production of  $A\beta\left(1-37\right),$  which is less toxic to cells and exerts an inhibitory effect against A $\beta$ (1-42) aggregation, are safer and more efficient in inhibiting amyloid accumulation when compared to existing A $\beta$ (1-42) production inhibitors. Moreover,  $\beta\beta$  (-37) and  $\beta\beta$  (1-38) are believed to inhibit amyloid accumulation. These compds. as well as  $\lambda\beta$  (1-37) and  $\lambda\beta$  (1-38) effectively serve as active ingredients of therapeutic agents based on a new concept for treating AB-based disease such as Alzheimer's disease and Down's syndrome. The present invention thus provides pharmaceutical compns. comprising at least one member selected from a compound capable of enhancing  $A\beta$  (1-37) production, a compound capable of inhibiting  $A\beta(1-40)$  and  $A\beta(1-42)$  production and enhancing  $A\beta\,(1\text{--}37)$  production, and salts of the compds. and solvates thereof.

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(therapeutic agents for amyloid  $A\beta$ -related disorders based on enhanced production of the  $\mbox{A}\beta\,(1\mbox{-37})$  peptide and inhibition of Aβ(1-42) aggregation)

L10 ANSWER 8 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

2006:1122502 CAPLUS

DOCUMENT NUMBER: 145:465738

TITLE:

Therapeutic agents for amyloid  $A\beta$ -related disorders based on enhanced production of the

 $\mbox{A}\beta\,(1\mbox{-37})$  peptide and inhibition of  $\mbox{A}\beta\,(1\mbox{-42})$ 

aggregation

INVENTOR(S): Watanabe, Hideki; Bernier, Francois; Miyagawa,

Takehiko

PATENT ASSIGNEE(S): Eisai Co., Ltd., Japan

PCT Int. Appl., 214pp. CODEN: PIXXD2 SOURCE:

DOCUMENT TYPE: Patent

LANGUAGE: English FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

	PA:	TENT :	NO.			KIN	D	DATE			APPL	ICAT:	ION	NO.		D	ATE	
		2006					A2 A3				WO 2	006-	JP30	8795		21	420	
		W:	ΑE,	AG,	AL,	AM,	ΑT,	AU,	AZ,	BA,	BB,	BG,	BR,	B₩,	ΒY,	BΖ,	CA,	CH,
			CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
			GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KM,	KN,	K₽,	KR,
			KΖ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	MK,	MN,	MW,	MX,
			MZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,	$\mathtt{PL}_{r}$	PT,	RO,	RU,	SC,	SD,	SE,
			SG,	SK,	SL,	SM,	SY,	TJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,
			VN,	YU,	ZA,	ZM,	ZW											
		RW:	${\rm AT}_{I}$	$BE_{t}$	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	${\rm FR}_{\rm r}$	GB,	${\tt GR,}$	ΗU,	IE,
			IS,	IT,	LT,	LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	BF,	BJ,
			CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	TG,	BW,	GH,
			GM,	KE,	LS,	M₩,	ΜZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,	BY,
			KG,	$KZ_{I}$	MD,	RU,	IJ,	TM,	AP,	EA,	EP,	OA						
	US	2006	0241	038		A1		2006	1026		US 2	005-	1115	04		2	0050	420
Ì	RIORIT:	APP	LN.	INFO	.:						US 2	005-	1115	04		A 2	0050	420
- 6	*T																	

<sup>\*</sup> STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

L10 ANSWER 7 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

670250-40-5 CAPLUS

1H-Indole-1-carboxamide, 5-[[2-[[[[(1R)-1-(hydroxymethy1)-2-oxo-2-(1-CN piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

L10 ANSWER 8 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

The present invention is based on the discovery that enhanced production of amyloid A $\beta$ (1-37) prevents  $\gamma$ -secretase-mediated production of A $\beta$ (1-40)/(1-42) from amyloid precursor protein (APP). In addition,  $\lambda\beta(1-37) \text{ and }\lambda\beta(1-38) \text{ are extremely less toxic to cells than } \lambda\beta(1-42), \text{ and }\lambda\beta(1-37) \text{ and }\lambda\beta(1-38) \text{ have an inhibitory effect against }\lambda\beta(1-42) \text{ aggregation. Compds. I-III are characterized}$ by enhancing  $\Delta\beta(1-37)$  production, or are characterized by not only inhibiting  $\Delta\beta(1-40)/(1-42)$  production but also enhancing production of  $\Delta\beta(1-37)$ , which is less toxic to cells and exerts an inhibitory effect against A $\beta$ (1-42) aggregation, are safer and more efficient in inhibiting amyloid accumulation when compared to existing A $\beta$ (1-42) production inhibitors. Moreover,  $A\beta(1-37)$  and  $A\beta(1-38)$  are believed to inhibit anyloid accumulation. These compds. as well as  $A\beta(1-37)$  and  $A\beta(1-38)$  effectively serve as active ingredients of therapeutic agents based on a new concept for treating  $A\beta$ -based disease such as Alzheimer's disease and Down's syndrome. The present invention thus provides pharmaceutical compns. comprising at least one member selected from a compound capable of enhancing  $A\beta(1-37)$  production, a compound capable of inhibiting  $A\beta(1-40)$  and  $A\beta(1-42)$  production and enhancing A $\beta$ (1-37) production, and salts of the compds. and solvates thereof. 670250-40-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

therapeutic agents for amyloid A $\beta\text{--related}$  disorders based on enhanced production of the AB(1-37) peptide and inhibition of AB(1-42) aggregation)

670250-40-5 CAPLUS

1H-Indole-1-carboxamide, 5-[[2-[[[(1R)-1-(hydroxymethyl)-2-oxo-2-(1piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

L10 ANSWER 9 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

AB Title compds. represented by the formula I [wherein L = N or CR5; A = fused (hetero)aryl; X, Y = independently N or CR7; R1-R3, R5, R7 = independently H, halo, (cyclo)alkyl, aryl, etc.; R4 = H, (cyclo)alkyl, (hetero)aryl, etc.; and pharmaceutically acceptable salts, solvates or hydrates thereof; were prepared as hepatocyte growth factor receptor (c-MET or HGFR) inhibitors. For example, II was provided in a multi-step synthesis starting from 4-chloro-6,7-dimethoxyquinoline. II showed inhibition of HGFR with IC50 value of 0.030 µM in the cellular HGFR autophosphorylation assay. Thus, I and their pharmaceutical compns. are useful as c-MET/HGFR inhibitors for the treatment of a variety of HGFR-mediated disorders, including cancers. HGFR-mediated disorders, including cancers. 871690-64-1P 871690-69-6P

RI: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of ether-linked quinoline and thienopyridine derivs. as  ${\tt HGFR}$ inhibitors)

RN 871690-64-1 CAPLUS

1-Piperidineacetamide, N-[[[5-[(6,7-dimethoxy-4-quinoliny1)oxy]-2-pyridinyl]amino]carbonyl]- (CA INDEX NAME)

L10 ANSWER 9 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: DOCUMENT NUMBER: 2005:1331145 CAPLUS 144:69740

TITLE:

Preparation of ether-linked quinoline and thienopyridine derivatives as c-MET/HGFR inhibitors Kung, Pei-Pei

INVENTOR(S): PATENT ASSIGNEE(S): PCT Int. Appl., 81 pp. CODEN: PIXXD2 SOURCE:

DOCUMENT TYPE: LANGUAGE: Patent English FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

LILLINIV	1111 010	PLIL	OIV.														
1	PATENT :	NO.			KIN	D	DATE			APPL	ICAT	ION :	NO.		D.	ATE	
						-									-		
i	WO 2005	1211	25		A1		2005	1222		WO 2	005-	IB18	49		2	0050	530
	W:	AE,	AG,	AL,	AM,	ΑT,	AU,	ΑZ,	BA,	BB,	BG,	BR,	BW,	ΒY,	BΣ,	CA,	CH,
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD
		GE,	GH,	GM,	HR,	ΗU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KM,	KΡ,	KR,	KZ
		LC,	LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NA
		NG,	NI,	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK
		SL,	SM,	SY,	IJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,
		ZA,	ZM,	ZW													
	RW:	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,
		AZ,	BY,	KG,	KZ,	MD,	RU,	IJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,
		EE,	ES,	FI,	FR,	GB,	GR,	HU,	IE,	IS,	IT,	LT,	LU,	MC,	NL,	PL,	PT
		RO,	SE,	SI,	SK,	TR,	BF,	BJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,
		MR,	ΝE,	SN,	TD,	TG											
PRIOR	ITY APP	LN.	INFO	.:						US 2	004-	5799	93P		P 2	0040	609
										US 2	005-	6653	21P		P 2	0050	325
OTHER	SOURCE		CAS	REAC	T 14	4:69	740;	MAR	PAT	144:	6974	0					
CT																	

L10 ANSWER 9 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

PAGE 1-A

PAGE 2-A

RN 871690-69-6 CAPLUS

Urea,  $\mathbb{N}^{-1}$ =[6,7-dimethoxy-4-quinolinyl)oxy]-2-pyridinyl]- $\mathbb{N}^{*}$ -[2-oxo-2-(1-piperidinyl)ethyl]- (CA INDEX NAME)

PAGE 1-A

L10 ANSWER 9 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

PAGE 2-A

REFERENCE COUNT:

THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 10 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 2005:638773 CAPLUS

DOCUMENT NUMBER:

TITLE:

143:133401
Preparation of diazaheterocycles as calcitonin gene related peptide receptor antagonists
Degnan, Andrew P.; Chen, Ling; Civiello, Rita;
Dubowchik, Gene M.; Han, Xiaojun; Jiang, Xiang Jun J.;
Macor, John E.; Tora, George
Bristol-Myers Squibb Company, USA
ECT Int. Appl., 385 pp.
CODEN: PIXXD2
Patent
English INVENTOR(S):

PATENT ASSIGNEE(S):

SOURCE:

DOCUMENT TYPE: LANGUAGE: E: FAMILY ACC. NUM. COUNT: 1 English

PATENT INFORMATION:

PATENT NO.					KIN	D	DATE			APPL	ICAT	ION :	NO.		D	ATE		
WO	2005	0657	79		A1	-	2005	0721		WO 2	003-	US38	799		21	0031	205	
	W:	ΑE,	AG,	AL,	AM,	AT,	AU,	ΑZ,	BA,	BB,	BG,	BR,	BW,	BY,	BΖ,	CA,	CH,	
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,	
		GE,	GH,	GM,	${\tt HR}_{I}$	ΗU,	ID,	IL,	IN,	IS,	J₽,	$\mathbb{KE}_{I}$	ΚG,	$\mathbb{KP}_{I}$	$KR_{I}$	KZ,	LC,	
		LK,	$LR_{t}$	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	$MX_t$	MZ,	NI,	NO,	
		NZ,	CM,	PG,	PH,	$\mathtt{PL}_{\prime}$	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,	IJ,	
		TΜ,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW		
	RW:	BW,	GH,	$\mathbb{G} M_r$	KE,	LS,	MW,	MZ,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	ΑZ,	
		ΒY,	KG,	$\mathbb{KZ}_{I}$	$\mathbb{MD}_{r}$	${\tt RU,}$	IJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	
		ES,	FI,	FR,	GB,	GR,	ΗU,	ΙE,	IT,	LU,	MC,	NL,	PT,	RO,	SE,	SI,	SK,	
		TR,	ΒF,	ΒJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	ΝE,	SN,	TD,	-
	2549							0721							_			
AU	2003	2976	94		A1		2005	0812	AU 2003-297694						21	0031	205	
ΕP	1689	493			A1	20060816				EP 2003-819270								
	R:	ΑT,	BΕ,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	$NL_{t}$	SE,	MC,	PΤ,	
		IE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL,	TR,	BG,	CZ,	EE,	ΗU,	SK		
BR	2003	0186	37		A													
	1917				A										20031205			
	2007		68					0830										
	2845				В										20041201			
	2006														20060518			
	2006				A				MX 2006-6070						20060529			
	2006								2 NO 2006-2648									
KR	2006	1258:	32	2 A				20061206 KR 2006-713470 20060704										

L10 ANSWER 10 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
PRIORITY APPLN. INFO:: EP 2003-819270 A 20031205
W0 2003-US38799 W 20031205 OTHER SOURCE(S): MARPAT 143:133401

AB Diazaheterocycles I [m, n = 0-2; V = (un)substituted NH2, OH; Q = (un)substituted alkyl, NH2, NHCOMH2; U = CH2, NH; D = 0, NCN, alkylsulfonylimino;  $\lambda$  = C, N, CH; E = (un)substituted heterocyclic; with provisos] were prepared for use as antagonists of calcitonin gene-related

L10 ANSWER 10 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) peptide receptors for treatment of neurogenic vasodilation, neurogenic inflammation, migraine and other headaches, thermal injury, circulatory shock, flushing assocd. with menopause, airway inflammatory diseases, such as asthma and chronic obstructive pulmonary disease (COPD). E.g., a multi-step synthesis of II which had IC50 for calcitonin gene related peptide receptor binding of  $\leq$  10 nM, was given. The pharmaceutical ompn. comprising the compd. I is claimed.

635712-01-5P RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(preparation of diazaheterocycles as calcitonin gene related peptide receptor antagonists)

635712-01-5 CAPLUS

Urea, N-[(1S)-1-([1,4'-bipiperidin]-1'-ylcarbonyl)-3-[4-(1,4-dihydro-2-oxo-3(2H)-quinazolinyl)-1-piperidinyl]-3-oxopropyl]-N'-(2,6-dichloro-4pyridinyl) - (CA INDEX NAME)

Absolute stereochemistry.

L10 ANSWER 11 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 2005:564638 CAPLUS

DOCUMENT NUMBER: 143:97382

Preparation of urea derivatives as activated blood TITLE:

coagulation factor X (FXa) inhibitors

INVENTOR(S):

Kubo, Keiji; Imaeda, Yasuhiro Takeda Pharmaceutical Company Limited, Japan PATENT ASSIGNEE(S):

SOURCE: PCT Int. Appl., 236 pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: J FAMILY ACC. NUM. COUNT: 1 Japanese

PATENT INFORMATION:

PATENT I	ⅳ.	KIN	D	DATE			APPL	ICAT	ION	NO.		D	ATE		
				-									-		
WO 20050	58823	3	A1		2005	0630		WO 2	004-	JP18	717		2	0041	215
W:	AE, A	AG, AL,	AM,	ΑT,	AU,	ΑZ,	BA,	BB,	BG,	BR,	BW,	ΒY,	BΣ,	CA,	CH,
	CN, C	00, CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
	GE, C	GH, GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KZ,	LC,
	LK, I	LR, LS,	LT,	LU,	LV,	MA,	MD,	MG.	MK,	MN,	MW,	MX,	MZ,	NA,	NI,
		NZ, OM,													
		IM, TN,													
R₩+	,	GH, GM,													
2311	,	BY, KG,	,				,		,					,	
		ES, FI,	,				,							,	
		SE, SI,	,		BF,	В∪,	Cr,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,
	MR, I	NE, SN,	TD,	TG											
CA 25500	)12		A1		2005	0630		CA 2	004-	2550	012		2	0041	215
EP 16959	961		A1		2006	0830		EP 2	004-	8070	76		2	0041	215
R:	AT, E	BE, CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,
	IE, S	SI, LT,	FI,	RO,	CY,	TR,	BG,	CZ,	EE,	HU,	PL,	SK,	IS		
US 20070	009350	01	A1		2007	0426		US 2	006-	5830	46		2	0060	615
PRIORITY APPI	N. IN	MFO.:						JP 2	003-	4200	31		A 2	0031	217
								WO 2	004-	JP18	717		W 2	0041	215
OTHER SOURCE GI	(S):		MAR	PAT	143:	9738:	2								

L10 ANSWER 10 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT REFERENCE COUNT:

L10 ANSWER 11 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

The title compds. I [Cy represents an optionally substituted aromatic hydrocarbon group or optionally substituted aromatic heterocyclic group;  $\mathbb R1$  represents hydrogen or an optionally substituted hydrocarbon group;  $\mathbb V$ represents C(0), S(0), or S(0)2; W represents N(R2), O, or a bond (R2)represents hydrogen or an optionally substituted hydrocarbon group); X represents optionally substituted alkylene; Y represents C(O), S(O), or S(0)2; Z represents a bond, an optionally substituted chain hydrocarbon group, etc.; ring A represents an optionally substituted nonarom. nitrogenous heterocycle; ring B represents an optionally substituted nitrogenous heterocycle; and the dotted line indicates a single bond or double bond; provided that R1 may be bonded to R2 to form an optionally substituted nonarom. nitrogenous heterocycle and that R2 may be bonded to a substituent of X to form an optionally substituted nonarom. nitrogenous heterocycle] are prepared Thus, N-(4-chlorophenyl)-N'-(IR)-2,2-dimethyl-1-((3-(3-oxo-1H-imidazo[1,5-a]imidazol-2(3H)-yl)-1-pyrrolidinyl)carbonylpropyl)urea was prepared in several steps from 1-benzyl-3-pyrrolidinamine and imidazole-2-carbaldehyde. Compds. of this invention in vitro showed IC50 values of 10 nM to 50 nM against FXa. Formulations are given.

856417-00-0P 856417-01-1P RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(Uses) (preparation of urea derivs. as activated blood coagulation factor X

856417-00-0 CAPLUS

Urea, N-(5-chloro-2-pyridinyl)-N'-[2-[4-(5-methyl-3-oxo-1H-imidazo[1,5c]imidazol-2(3H)-yl)-1-piperidinyl]-2-oxo-1-phenylethyl]- (CA INDEX NAME)

856417-01-1 CAPLUS

REFERENCE COUNT:

THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10	ANSWER 12 OF 60	CAPLUS	COPYRIGHT 20	09 AC	CS on STN	(Conti	nued)
	JP 2007506692	T	20070322	JP	2006-527332		20040921
	AT 427748	T	20090415	AT	2004-765436		20040921
	MX 2006003264	A	20060608	MX	2006-3264		20060323
	KR 2007014108	A	20070131	KR	2006-705848		20060324
	US 20070043081	A1	20070222	US	2006-573516		20060327
	IN 2006CN01415	A	20070622	IN	2006-CN1415		20060425
PRIO	RITY APPLN. INFO.	:		WO	2003-EP10746	A	20030926
				WO	2004-EP10559	W	20040921
OTHE	R SOURCE(S):	CASR	EACT 142:3551	72; N	MARPAT 142:355	172	

AB Title compds. I [wherein Py = pyridin-4-yl disubstituted in positions 2 and 6; X = aryl, arylalkyl, aryloxy, etc.; A = (CEP)n; XCZ form an exocyclic bond which bears an Ar group and the just formed CH2 group; Z = H; when X = aryl or arylalkyl, Z = H, OH, CO2H, etc.; when X = aryl, arylakyl and n = 0, Z = H, OH, CO2H, aryl, etc.; Y = CREAT/CEP)m, (CH2)mCREAT; m = 1-2; n = 0-1; R6 = H, alkyl, aryl, arylalkyl; or R6CRT = carbocycle; R7 = H, Ne; and their enantiomers, disstereomers, racemates, between the latter columns complete such accounts. pharmaceutically acceptable salts, solvate complexes, and morphol. forms thereof] were prepared as neurohormonal antagonists. For example, reacting 2-(4-benzylpiperidino)-1-ethanamine with

#### Page 61

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:303504 CAPLUS

DOCUMENT NUMBER: 142:355172

Preparation of pyridinyl ureas as urotensin II

antagonists

INVENTOR(S): Mathys, Boris; Mueller, Claus; Scherz, Michael;

Weller, Thomas; Clozel, Martine; Velker, Joerg; Bur,

Daniel

Actelion Pharmaceuticals Ltd., Switz. PATENT ASSIGNEE(S):

SOURCE: PCT Int. Appl., 113 pp. CODEN: PIXXD2

DOCUMENT TYPE: LANGUAGE: English FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO.					KIN	D	DATE				ICAT							
WO	2005	0302	09		A1	-									2	0040	921	
	W:	ΑE,	AG,	AL,	AM,	ΑT,	AU,	ΑZ,	BA,	BB,	BG,	BR,	BW,	BY,	BZ,	CA,	CH,	
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,	
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KΡ,	KR,	KZ,	LC,	
		LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NA,	NI,	
		NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,	
		TJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW	
	RW:	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	
		AZ,	BY,	KG,	KZ,	MD,	RU,	TJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	
		EE,	ES,	FI,	FR,	GB,	GR,	ΗU,	IE,	IT,	LU,	MC,	NL,	PL,	PT,	RO,	SE,	
		SI,	SK,	TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	
		SN,	TD,	TG														
AU	2004:	2754	88		A1		2005	0407		AU 2	004-		20040921					
CA	2540:	196			A1		2005	0407		CA 2	004-		2	0040	921			
ΕP	1670	470			A1		2006	0621		EP 2	004-	7654	36		2	0040	921	
ΕP	1670	470			В1		2009	0408										
	R:	AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,	
		IE,	SI,	LT,	LV,	FI,	RO,	CY,	TR,	BG,	CZ,	EE,	HU,	PL,	SK,	HR		
CN	N 1856305 A 20061					1101	1 CN 2004-80027725 20040921								921			
BR	BR 2004014777				A		2006	1121		BR 2	004-	1477	7		20040921			

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1,3-Bis(2,6-dimethylpyridin-4-yl)urea gave II. In binding assays of human [1251]-urotensin II to human-derived TE-671 rhabdomyosarcoma cells, compds. of the invention showed activity with IC50 values ranging from 0.1 nM to 1000 nM. Thus, I and their pharmaceutical compns., optionally comprising other pharmacol. active compds., are useful for treating a variety of disorders assocd. with dysregulation of urotensin II, such as heart disease, hypertension, kidney disease, diabetes, asthma, and pulmonary disease (no data). 1015308-76-5

RL: PRPH (Prophetic)

(Preparation of pyridinyl ureas as urotensin II antagonists)

1015308-76-5 CAPLUS

Urea, N-[2-[4-(ethylamino)-1-piperidinyl]ethyl]-N'-(2-ethyl-6-methyl-4-pyridinyl)- (CA INDEX NAME)

((E)-styryl)pyridin-4-yl]urea RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic

preparation); TBU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (drug candidate; preparation of novel 2-piperidinoethyl quinolinyl ureas for

use as urotensin II antagonists in combination with other pharmacol. active compds.)

849224-21-1 CAPLUS
Urea, N-[2-[4-hydroxy-4-(phenylmethyl)-1-piperidinyl]ethyl]-N'-[2-[(1E)-2-phenylethenyl]-4-pyridinyl]- (CA INDEX NAME)

Double bond geometry as shown.

IT 849224-00-6P, 1-[2-(4-Benzylpiperidin-1-yl)ethyl]-3-(2,6-dimethylpyridin-4-yl)urea 849224-02-8P, 1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]-4-phenylpiperidine-4-carboxylic acid N-benzyl-N-methylamide 849224-04-0P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-4-methoxy-N-propylbenzenesulfonamide 849224-06-2P, N-[1-[2-3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-4-fluoro-N-propylbenzenesulfonamide 849224-08-4P, N-[1-[2-3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]-N-[1-[2-3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethylacetamide 849224-10-8P, N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethylacetamide 849224-11-9P, N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-4-fluorobenzenesulfonamide 849224-11-9P, N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-2-(4-methoxyphenyl)acetamide 849224-12-0P, 1-[2-(4-Benzyloxypiperidin-1-yl)ethyl]-3-[2,6-dimethylpyridin-4-yl)ureido]ethyl]-4-phenylpiperidin-4-carboxylic acid N-benzyl-N-(2-hydroxyethyl)anide 849224-14-2P, 1-[2-[3-(2,6-Ethyl-6-methylpyridin-4-yl)ureido]ethyl]-4-phenylpiperidin-4-carboxylic acid N-benzyl-N-(2-hydroxyethyl)anide 849224-14-2P, 1-[2-[3-(2,6-Ethyl-6-methylpyridin-4-yl)ureido]ethyl]-4-phenylpiperidin-4-carboxylic acid N-benzyl-N-(2-hydroxyethyl)anide 849224-15-2P,

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 849224-37-9P, N-[1-[2-[3-(2,6-Diethylpyridin-4yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-4-fluorobenzenesulfonamide 849224-38-0P, 1-[2-(4-Benzyl-4-hydroxypiperidin-1-yl)ethyl]-3-(2phenethylpyridin-4-yl)urea 849224-40-4P, 1-[2-(4-Benzyl-4-hydroxypiperidin-1-yl)ethyl]-3-[2-[2-(4-fluorophenyl)ethyl]pyridin-4-yl]urea 849224-41-5P, 1-[2-[3-(2-Methyl-6-phenethylpyridin-6-yl)ureido|ethyl]-4-phenylpiperidine-4-carboxylic acid N-(benzyl)-N-methylamide 849224-44-8P, 1-[2-(4-Enzylpiperidin-1-yl)ethyl]-3-[2-[2-(4-Elworophenyl)ethyl]-6methylpyridin-4-yl]urea 849224-45-97 1-[2-(4-Bentylp)ridin-1-yl)ethyl]-3-(2-methylpyridin-4-yl)urea 849224-46-0P, 1-[2-(4-Bentyl-4-hydroxypiperidin-1-yl)ethyl]-3-(2-bentylpyridin-4-yl)urea  $N-[1-[2-[3-(2-\Sigma thy1-6-methylpyridin-4-y1]ureido]ethyl]piperidin-4-y1]-4$ fluoro-N-propylbenzenesulfonanide 849224-48-2P, 4-Bromo-N-ethyl-N-[1-[2-[3-(2-ethyl-6-methylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]benzenesulfonamide 849224-49-3P, N-[1-[2-[3-(2-Ethyl-6-methylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-4-methoxy-N-propylbenzenesulfonamide 849224-50-6P, 1-[2-]3-(2-Ethyl-6-methylpyridin-4-yl)ureido]ethyl]-4-methylpiperidine-4-carboxylic acid N-(benzyl)-N-methylamide 849224-51-7P,
1-[2-[3-(2-Ethyl-6-methylpyridin-4-yl)ureido]ethyl]-4-methylpiperidine-4carboxylic acid N-(4-methoxybenzyl)-W-methylamide 849224-52-8P, 1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]-4-methylpiperidine-4-carboxylic acid N-(benzyl)-N-methylamide 849224-53-9P, 1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]-4-methylpiperidine-4-carboxylic acid N-(4-methoxybenzyl)-N-methylamide 849224-54-0P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1]ureido]ethyl]piperidin-4-y1]-N-methylbenzenesulfonamide 849224-56-2P, metny\_uenzenesuironamide 049224-05-2F, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-4-methoxy-N-methylbenzenesuifonamide 849224-58-4F, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-3-methoxy-N-methylbenzenesuifonamide 849224-60-8F,  $\label{eq:n-1-2-3-2} $$N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1]ureido]ethyl]piperidin-4-y1]-2,5-dimethoxy-N-methylbenzenesulfonamide 849224-62-0F,$ N=[1-[2-3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-3,4-dimethoxy-N-methylbenzenesulfonamide 849224-64-2P,N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-2methoxy-4-methyl-N-methylbenzenesulfonamide 849224-65-3P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-4-fluoro-N-methylbenzenesulfonamide 849224-66-4P,

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 4-Ethyl-1-[2-[3-(2-ethyl-6-methylpyridin-4-yl)ureido]ethyl]piperidine-4carboxylic acid N-benzyl-N-(2-hydroxyethyl)amide 849224-16-4P, 4-Ethyl-1-[2-[3-(2-ethyl-6-methylpyridin-4-yl)ureido]ethyl]piperidine-4carboxylic acid N-benzyl-N-methylamide 849224-17-5P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-4-methoxybenzenesulfonamide 849224-18-6P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethyl-4-fluorobenzenesulfonamide 849224-19-7P, 1-[2-[3-[2-Methyl]-6-([6]-etyryl)pyridin-4-yl]ureido]ethyl]-4-phenylpiperidine-4-carboxylic acid N-benzyl-N-methylamide 849224-20-0P, 1-[2-(4-Benzylpiperidin-1-yl)ethyl]-3-[2-[(E)-2-(4-Benzylpiper 1-[2-[4-Benzyl-4-hydroxypiperidin-1-yl)ethyl]-3-[2-[(E)-2-(4-chlorophenyl)ethenyl]pyridin-4-yl]urea 849224-24-4P, N-Ethyl-4-methoxy-N-[1-[2-[3-(2-methyl-6-phenethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]benzenesulfonamide 849224-25-5P, 1-[2-[3-(2-Wethyl-6-propylpyridin-4-yl)ureido]ethyl]-4-phenylpiperidin-4carboxylic acid N-(benzyl)-N-methylamide 849224-26-6P, 1-[2-(4-Benzylpiperidin-1-yl)ethyl]-3-(2-methyl-6-propylpyridin-4-yl)urea methylpyridin-4-yl)urea 849224-30-2P, N-Ethyl-N-[1-[2-[3-(2-ethyl-6-methylpyridin-4-yl)ureido]ethyl]piperidin-4yl]-4-methoxybenzenesulfonamide 849224-31-3P, 1-[2-[3-(2-Ethyl-6-methylpyridin-4-yl)ureido]ethyl]-4-phenylpiperidine-4-carboxylic acid N-(benzyl)-N-methylamide 849224-32-4P, 1-[2-(4-Benzyl-4-hydroxypiperidin-1-yl)ethyl]-3-(2-ethyl-6-methylpyridin-4-yl)urea 849224-33-5P, N-Ethyl-N-[1-[2-[3-(2-ethyl-6methylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-4-fluorobenzenesulfonamide 849224-34-6P, 1-[2-(4-Benzylpiperidin-1-y1)ethy1]-3-(2,6-diethylpyridin-4-y1)urea 849224-35-7P, 1-[2-(4-Benyl-4-hydroxypiperidin-1-yl) ethyl]-3-(2,6-diethylpyridin-4-yl) urea 849224-36-8P, N-[1-[2-[3-(2,6-Diethylpyridin-4-yl) ureido]ethyl]piperidin-4-yl)-N-ethyl-4-methoxybenzenesulfonamide

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-3-fluoro-N-methylberneesulfonaide 49222-67-59,
N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl) ureido]ethyl]piperidin-4-yl]-2-fluoro-N-methylbenzenesulfonamide 849224-70-0P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1])ureido]ethyl]piperidin-4-y1]-2,4-difluoro-N-methylbenzenesulfonamide 849224-72-2P,  $\label{eq:normalizero} $$N-[1-[2-13-(2,6-Dimethylpyridim-4-y1] ureido] ethylpiperidim-4-y1]-3,4-difluoro-N-methylbenzenesulfonamide $49224-74-4P, $$N-[1-[2-[3-(2,6-Dimethylpyridim-4-y1] ureido] ethyl]piperidim-4-y1]-2,6-$$$ difluoro-N-methylbenzenesulfonamide 849224-76-6P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-4-ethyl-N-methylbenzenesulfonanide 849224-78-8P, N-[4-[[1-[2-[3-(2,6-Dimethylpyridin-4-y1) ureido]ethyl]piperidin-4-y1] (methyl) sulfamoyl]phenyl]acetamide 849224-80-2P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1) ureido]ethyl]piperidin-4-y1]-4-isopropoxy-N-methylbenzenesulfonamide 849224-82-4P, \*\*Memchylbenressulfonamide 849224-84-69,
\*\*N=[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-3-methylbenrenessulfonamide 849224-86-89,
\*\*N=[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-2-methylbenrenesulfonamide 849224-88-09,
\*\*N=[1-[3-(2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-2-methylbenrenesulfonamide 849224-88-09, N-methylbenzenesulfonamide 849224-92-6P, 3-Chloro-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-methylbenzenesulfonamide 849224-94-8P, 2-Chloro-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-methylbenzenesulfonamide 849224-96-0P, 3,4-Dichloro-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-methylbenzenesulfonamide 849224-98-2P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-methyl-4-trifluoromethylbenzenesulfonamide 849225-00-9F, N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-methyl-3-trifluorethylbenzensulfonamide 484925-02-19, Thiophene-2-sulfonic acid N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-methylamide 849225-04-3P, 5-Chlorothiophene-2-sulfonic acid N-[1-[2-[3-(2,6-dimethylpyridin-4yl)ureido]ethyl]piperidin-4-yl]-N-methylamide 849225-06-5P, 2,5-Dichlorothiophene-3-sulfonic acid

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                                                                                                                                                                                             (Continued)
                 ethylbenzenesulfonamide 849225-10-1P,
N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-
3-fluorobenzenesulfonamide 849225-12-3P,
                \label{eq:normalized} $$N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethyl-2-fluorobenzenesulfonamide 849225-14-5P,
                N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-2,4-difluorobenzenesulfonamide 849225-16-7P,
                 N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-yl]-N-ethyl-
                3,4-difluorobenzenesulfonamide 849225-18-9P,
N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-
2,6-difluorobenzenesulfonamide 849225-20-3P,
                 N-ethylbenzenesulfonamide 849225-22-5P,
                N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1) ureido]ethyl]piperidin-4-y1]-N-ethyl-4-isopropoxybenzenesulfonamide 849225-24-7P,
                N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1]-wieid)ethyl]piperidin-4-y1]-N-ethyl-

4-methylbenzenesulfonanide 849225-26-9P,

N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)]wieido]ethyl]piperidin-4-y1]-N-ethyl-
                Amethylbenzenesulfonamide 849225-28-1P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1] ureido]ethyl]piperidin-4-y1]-N-ethyl-2-methylbenzenesulfonamide 849225-30-5P,
                \label{eq:new_new} $$N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethyl-4-methoxy-2,3,6-trimethylbenzenesulfonamide 849225-32-7P,
                  \begin{tabular}{l} $4$-Chloro-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl] piperidin-4-y1]-1 \end{tabular} 
                 N-ethylbenzenesulfonamide 849225-34-9P,
                 3-Chloro-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-
                N-ethylbenzenesulfonamide 849225-35-0P,
2-Chloro-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-
                 N-ethylbenzenesulfonamide 849225-36-1P,
                3,4-Dichloro-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethylbenzenesulfonamide 849225-37-2P,
                 \hat{\mathbb{N}} = [1 - [2 - [3 - (2,6 - \mathrm{Dimethylpyridin} - 4 - \mathrm{yl}) \, \mathrm{ureido}] \, \mathrm{ethyl}] \, \mathrm{piperidin} - 4 - \mathrm{yl}] \, - \mathbb{N} - \mathrm{ethyl} - 1 \, \mathrm{ethyl} - 
                 4-trifluoromethylbenzenesulfonamide 849225-38-3P,
                 N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-
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                    3-trifluoromethylbenzenesulfonamide 849225-39-4P,
                 Thiophene-2-sulfonic acid N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethylamide 849225-41-8P, 5-Chlorothiophene-2-sulfonic acid N-[1-[2-[3-(2,6-dimethylpyridin-4-
                   yl)ureido]ethyl]piperidin-4-yl]-N-ethylamide 849225-42-9P, 2,5-Dichlorothiophene-3-sulfonic acid
                 N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethylamide 849225-43-0P,
                   2,5-dimethoxybenzenesulfonamide 849225-44-1P,
5-Bromo-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-
N-ethyl-2-methoxybenzenesulfonamide 849225-45-2P,
                 \label{eq:nethody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-methody-4-meth
                 N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-yl]-N-ethyl-3,4-dimethoxybenzenesulfonamide 849225-47-4P,
                   \label{eq:normalized} \texttt{N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)]ureido]ethyl]piperidin-4-yl]-\texttt{N-ethyl-normalized}}
                 3-methoxybenzenesulfonamide 849225-48-5P,
N-Cyclopropyl-N-[1-[2-[3-{2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-
                 4-yl]benzensulfonanide 849225-49-6P,
N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-
4-yl]-3-fluorobenzenesulfonanide 849225-50-9P,
                 N-Cyclopropyl-N-[1-[2-[3-{2,6-dimethylpyridin-4-yl}ureido]ethyl]piperidin-4-yl]-2-fluorobenzenesulfonamide 849225-51-0P,
                   \label{eq:n-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1)} \\ ureido] ethyl] piperidin-4-y1) ureido] ethyl] ethyl] ethyl[alaman] ethy
                    4-y1]-2,4-difluorobenzenesulfonamide 849225-52-1P,
                   N-Cyclopropy1-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-
                 4-yl]-3,4-difluorobenzenesulfonamide 849225-53-2P,
N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-
                     4-y1]-2,6-difluorobenzenesulfonamide 849225-54-3P,
                 N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-4-ethylbenzenesulfonamide 849225-55-4P,
                   N-[4-[Cyclopropyl[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]
                 4-yl]sulfamoyl]phenyl]acetamide 849225-56-5P,
N-Cyclopropyl-N-[1-[2-[3-{2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-
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                                                                                                                                                                                     (Continued)
                 4-yl]-4-isopropoxybenzenesulfonamide 849225-57-6P,
               \label{eq:ncyclopropyl-N-[4-[2-[3-\{2,6-dimethylpyridin-4-y1\}ureido]ethyl]piperidin-4-y1]-4-methylbenzenesulfonamide 849225-58-7P,
               N-Cyclopropyl-N-[1-[2-]3-(2,6-dimethylpyridin-4-y1) ureido]ethyl]piperidin-
4-y1]-3-methylbenzenesulfonamide 849225-59-8P,
N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1) ureido]ethyl]piperidin-
               4-yl]-2-methylbenzenesulfonamide 349225-60-12,
4-Chloro-N-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl)benzenesulfonamide 349225-61-2P,
               3-Chloro-N-cyclopropy1-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]benzenesulfonamide 849225-62-3P,
               2-Chloro-N-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]benzenesulfonamide 849225-63-4P, 3,4-Dichloro-N-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-
               yl) wreido]ethyl]piperidin-4-yl]benzenesulfonamide 849225-64-5P,
N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)wreido]ethyl]piperidin-
4-yl]-4-triflworomethylbenzenesulfonamide 849225-65-6P,
               N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-3-trifluoromethylbenzenesulfonamide 849225-66-7P,
               \label{eq:ncyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-2-trifluoromethylbenzenesulfonamide 849225-67-8P,
                Thiophene-2-sulfonic acid N-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-
                yl)ureido]ethyl]piperidin-4-yl]amide 849225-68-9P,
5-Chlorothiophene-2-sulfonic acid N-cyclopropyl-N-[1-[2-[3-(2,6-
                dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]amide
               849225-69-0P, 2,5-Dichlorothiophene-3-sulfonic acid
N-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-
               N-Cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-
                4-yl]-4-methoxybenzenesulfonamide 849225-71-4P,
               \label{eq:n-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-3-methoxybenzenesulfonamide 849225-72-5P,
               N-Cyclopropyl-N-[1-[2-]3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-

4-yl]-2,5-dimethoxybenzenesulfonanide 849225-73-6F,

N-Cyclopropyl-N-[1-[2-]3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-
               \label{eq:condition} 4-y1]-2-methoxy-4-methylbenzenesulfonamide 849225-74-7P, N-Ethyl-N-[1-[2-[3-(2-ethyl-6-methylpyridin-4-y1)ureido]ethyl]piperidin-4-y1)ureido]ethyl]piperidin-4-y1)ureido]ethyl]piperidin-4-y1)ureido]ethyl]piperidin-4-y1)ureido]ethyl]piperidin-4-y1)ureido]ethyl]piperidin-4-y1)ureido]ethyl]piperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido]ethylpiperidin-4-y1)ureido[ethylpiperidin-4-y1]ureido[ethylpiperidin-4-y1]ureido[ethylpiperidi
                yl]-2-methoxy-4-methylbenzenesulfonamide 849225-75-8P,
               N-Ethyl-N-[1-(2-[3-(2-ethyl-6-methylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-3,4-dimethoxybenzenesulfonamide 849225-76-9P,
                N-Ethyl-N-[1-[2-[3-(2-ethyl-6-methylpyridin-4-yl)ureido]ethyl]piperidin-4-
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L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN
                                                                                        (Continued)
       yl]-3-methoxybenzenesulfonamide 849225-77-0P,
       2-(3,4-Dichlorophenyl)-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-methylacetamide 849225-78-1P,
N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-2-(2-
       methoxyphenyl)-N-methylacetamide 849225-79-2P, 1-Phenylcyclopropanecarboxylic acid
       N-[1-[2-[3-(2,6-dimethyl)pyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-methylamide 849225-80-5P,
        1-(4-Chlorophenyl)cyclopropanecarboxylic acid
       N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-methylamide 849225-81-6P,
       1-(4-Methoxyphenyl)cyclopropanecarboxylic acid
       metry_anated 04250-0-1;

2-(3,4-)inethoxyphenyl)-N-[1-[2-[3-(2,6-dimethylpyxidin-4-

yl)ureido]ethyl]piperidin-4-yl]-N-methylacetamide 849225-83-8P,

2-(4-Chlorophenyl)-N-[1-[2-[3-(2,6-dimethylpyxidin-4-
       yl)ureido]ethyl]piperidin-4-yl]-N-methylacetamide 849225-84-9P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-2-(4-
        fluorophenyl)-N-methylacetamide 849225-85-0P,
       \label{eq:n-lemma-poisson} $$N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)]-N-methyl-2-phenylacetamide 849225-86-1P,
       \label{eq:normalized} $$N^{-1}_{1}=[2-[3-(2,6-Dimethylpyridin-4-y1)\,ureido]ethyl]$ piperidin-4-y1]-$\mathbb{N}$-methyl-2-(pyridin-2-y1)acetamide $$849225-87-2P$,
        yl)ureido]ethyl]piperidin-4-yl]-N-methylacetamide 849225-88-3P, 2-(2-Chlorophenyl)-N-[1-[2-[3-(2,6-dimethylpyridin-4-
       yl)ureido]ethyl]piperidin-4-yl)-N-methylacetamide 849225-89-4P, 2-(4-Chlorophenyl)-N-ethyl-N-[1-[2-[3-(2-ethyl-6-methylpyridin-4-
       yl)ureido]ethyl]piperidin-4-yl]isobutyramide 849225-90-7P,
       2-(2-Chlorophenyl)-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethylacetamide 849225-91-8P,
        2-(3,4-Dichlorophenyl)-N-[1-[2-[3-(2,6-dimethylpyridin-4
       yl)ureido]ethyl]piperidin-4-yl]-N-ethylacetanide 849225-92-9p,
N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-
       2-(2-methoxyphenyl)acetamide 849225-93-0P,
2-(4-Chlorophenyl)-N-[1-[2-[3-(2,6-dimethylpyridin-4-
       yl)ureido]ethyl]piperidin-4-yl]-N-ethylisobutyramide 849225-94-1P
       , 1-Phenylcyclopropanecarboxylic acid
N-[1-[2-[3-(2,6-dimethylpyridin-4-yl) ureido]ethyl]piperidin-4-yl]-N-
        ethylamide 849225-95-2P,
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(Continued)

1-(4-Chlorophenyl)cyclopropanecarboxylic acid  $\label{eq:n-interpolation} \texttt{N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)]ureido]ethyl]piperidin-4-yl]-\texttt{N-}}$ ethylamide 849225-96-3P,  $1-(4-Methoxypheny1)\,cyclopropanecarboxylic acid \\ N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)\,ureido]ethyl]piperidin-4-y1]-N$ ethylamide 849225-97-4P, N=[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-2-phenylacetamide 849225-98-5P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethyl-2-(4-methoxyphenyl)acetamide 849225-99-6P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethyl-4-methoxybenzamide 849226-00-2P, N-[1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-N-ethyl-3,4-dimethoxybenzamide 849226-01-3P , N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethyl-4-y1fluorobenzamide 849226-02-4P,  $\label{eq:n-lambda} $$N-[1-[2-[3-(2,6-Dimethyl)pyridin-4-y1]ureido]ethyl]piperidin-4-y1]-N-ethyl-2-(3-methoxyphenyl)acetamide 849226-03-5P,$ 2-(3,4-Dimethoxypheny1)-N-[1-[2-[3-(2,6-dimethylpyridin-4yl)ureido]ethyl]piperidin-4-yl]-M-ethylacetamide 849226-04-6P, 2-(2,5-Dimethoxyphenyl)-M-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]-M-ethylacetamide 849226-05-7P,  $\begin{array}{lll} N-[1-[2-[3-(2,6-Dimethylpyridin-4-y1]uxeido]ethyl]piperidin-4-y1]-N-ethyl-2-(thiophen-2-y1)acetamide 849226-06-8P, \end{array}$ N=[1-[2-(3-(2,6-Dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1]-N-ethyl-2-(4-fluorophenyl)acetamide 849226-07-9P,ethylbenzamide 849226-08-0P, 1-Phenylcyclopropanecarboxylic acid N-ethyl-N-[1-[2-[3-(2-ethyl-6-methylpyridin-4-yl)ureido]ethyl]piperidin-4yl]amide 849226-09-1P, 1-(4-Chlorophenyl)cyclopropanecarboxylic acid N-ethyl-N-[1-[2-[3-(2-ethyl-6-methylpyridin-4yl)ureido]ethyl]piperidin-4-yl]amide 849226-10-4P, 1-(4-Methoxyphenyl)cyclopropanecarboxylic acid N-ethyl-N-[1-[2-[3-(2-ethyl-6-methylpyridin-4-yl)ureido]ethyl]piperidin-4yl]amide 849226-11-5P, N-Ethyl-N-[1-[2-[3-(2-ethyl-6-

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 4-Piperidinecarboxamide, 1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-N-methyl-4-phenyl-N-(phenylmethyl)-(CA INDEX NAME)

849224-04-0 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]ethyl]-4-piperidinyl]-4-methoxy-N-propyl-(CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{NH} \\ \text{NH} \\ \text{C-NH-CH}_2\text{-CH}_2\text{-NH} \\ \end{array}$$

849224-06-2 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-fluoro-N-propyl-(CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)  $\tt methylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]acetamide$ 849226-13-7P, 2-(4-Chlorophenyl)-N-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]isobutyramide  $849226-14-8P,\ 1-(4-Methoxypheny1)\ cyclopropanecarboxylic\ acid\ N-cyclopropy1-N-[1-[2-[3-(2,6-dimethylpyridin-4-y1)ureido]ethyl]piperidin-4-y1)$ 4-yl]amide 849226-15-9P, 2-(4-Chlorophenyl)-N-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]acetamide 849226-16-0P, 1-(4-Chlorophenyl)cyclopropanecarboxylic acid N-cyclopropyl-N-[1-[2-[3-(2,6-dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl]amide 849226-17-IP, 1-Phenylcyclopropanecarboxylic acid N-cyclopropyl-N-[1-[2-[3- $\langle 2,6-dimethylpyridin-4-y1\rangle$ ureido]ethyl]piperidin-4-yl]amide 849226-18-2P, 2-methoxybenzenesulfonamide RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (drug candidate; prepn. of novel 2-piperidinoethyl quinolinyl ureas for

use as urotensin II antagonists in combination with other pharmacol. active compds.)

849224-00-6 CAPLUS
Urea, N-(2,6-dimethyl-4-pyridinyl)-N'-(2-[4-(phenylmethyl)-1-piperidinyl)ethyl]- (CA INDEX NAME)

RN 849224-02-8 CAPLUS

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} & & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & &$$

RN 849224-08-4 CAPLUS

Urea, N-(2,6-dimethyl-4-pyridinyl)-N'-[2-[4-hydroxy-4-(phenylmethyl)-1piperidinyl]ethyl]- (CA INDEX NAME)

849224-09-5 CAPLUS

Benzeneacetamide, 4-chloro-N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

RN 849224-10-8 CAPLUS

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-fluoro- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849224-14-2 CAPLUS 4-Piperidinecarboxamide, 1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-N-(2-hydroxyethyl)-4-phenyl-N-(phenylmethyl)- (CA INDEX NAME)

849224-15-3 CAPLUS

-N-Piperidinecarboxamide, 4-ethyl-1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-N-(2-hydroxyethyl)-N-(phenylmethyl)-(CA INDEX NAME)

RN 849224-16-4 CAPLUS

4-Piperidinecarboxamide, 4-ethyl-1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-N-methyl-N-(phenylmethyl)- (CA

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L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849224-12-0 CAPLUS

Urea, N-(2,6-dimethyl-4-pyridinyl)-N'-[2-[4-(phenylmethoxy)-1-piperidinyl]ethyl]- (CA INDEX NAME) CN

849224-13-1 CAPLUS RN

4-Piperidinecarboxamide, 1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-N-(2-hydroxyethyl)-4-phenyl-N-(phenylmethyl)- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849224-17-5 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-4-methoxy-(CA INDEX NAME)

849224-18-6 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-4-fluoro-

RN 849224-19-7 CAPLUS

d-Piperidinecarboxamide, N-methyl-1-[2-[[[[2-methyl-6-[(1E)-2-phenylethenyl]-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-phenyl-N-(phenylmethyl)- (CA INDEX NAME)

Double bond geometry as shown.

RN 849224-20-0 CAPLUS CN Urea, N-[2-[(1E)-2-(4-fluorophenyl)ethenyl]-6-methyl-4-pyridinyl]-N'-[2-[4-fluorophenyl)ethenyl]-6-methyl-4-pyridinyl]-N'-[2-[4-fluorophenyl]-6-methyl-4-pyridinyl]-N'-[2-[4-fluorophenyl]-6-methyl-4-pyridinyl]-N'-[4-fluorophenyl]-8-methyl-4-pyridinyl]-N'-[4-fluorophenyl]-8-methyl-4-pyridinyl]-N'-[4-fluorophenyl]-8-methyl-4-pyridinyl]-N'-[4-fluorophenyl]-8-methyl-4-pyridinyl-8-methyl-4-pyridinyl-8-methyl-4-pyridinyl-8-methyl-4-pyridinyl-8-methyl-4-pyridinyl-8-methyl-8-

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849224-23-3 CAPLUS

Orea, N-[2-[(IE)-2-(4-chlorophenyl)ethenyl]-4-pyridinyl]-N'-[2-[4-hydroxy-4-(phenylmethyl)-1-piperidinyl]ethyl]- (CA INDEX NAME)

Double bond geometry as shown.

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (phenylmethyl)-1-piperidinyl]ethyl]- (CA INDEX NAME)

Double bond geometry as shown.

RN 849224-22-2 CAPLUS CN Urea, N-[2-[(1E)-2-(4-fluorophenyl)ethenyl]-4-pyridinyl]-N'-[2-[4-hydroxy-4-(phenylmethyl)-1-piperidinyl]ethyl]- (CA INDEX NNME)

Double bond geometry as shown.

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849224-24-4 CAPLUS

Benzenesulfonamide, N-ethyl-4-methoxy-N-[1-[2-[[[[2-methyl-6-(2-m phenylethyl)-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

4-Piperidinecarboxamide, N-methyl-1-[2-[[[(2-methyl-6-propyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-phenyl-N-(phenylmethyl)- (CA CN

849224-26-6 CAPLUS

piperidinyl]ethyl]- (CA INDEX NAME)

849224-27-7 CAPLUS

Benzenesulfonamide, N-ethyl-4-methoxy-N-[1-[2-[[[(2-methyl-6-propyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849224-31-3 CAPLUS

4-Piperidinecarboxamide, 1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-N-methyl-4-phenyl-N-(phenylmethyl)(CA INDEX NAME)

849224-32-4 CAPLUS

Urea, N-(2-ethyl-6-methyl-4-pyridinyl)-N'-[2-[4-hydroxy-4-(phenylmethyl)-1-piperidinyl]ethyl]- (CA INDEX NAME)

 ${\tt CN} \quad {\tt Benzenesulfonamide, N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4-interval of the context of the context$ 

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L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849224-28-8 CAPLUS

Urea, N-(2-ethyl-6-methyl-4-pyridinyl)-N'-[2-[4-(phenylmethyl)-1-piperidinyl]ethyl]- (CA INDEX NAME)

RN 849224-30-2 CAPLUS

Benzenesufconamide, N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-pipridinyl]-4-methoxy- (CA INDEX

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-fluoro- (CA INDEX

RN 849224-34-6 CAPLUS

 $\label{eq:continuous} \mbox{Urea, } \mathbb{N}^-(2,6-\mbox{diethyl-4-pyridinyl}) - \mathbb{N}^+ - [2 - [4 - (\mbox{phenylmethyl}) - 1 - (\mbox{phenylmethyl})] - 1 - (\mbox{phenylmethyl}) - 1 - (\mbox{phenylmethyl}) - 1 - (\mbox{phenylmethyl}) - (\mbox{phenylmethyl}) - 1 - (\mbox{phenylmethyl}) - (\mbox{$ piperidinyl]ethyl]- (CA INDEX NAME)

RN

849224-35-7 CAPLUS Urea, N-(2,6-diethyl-4-pyridinyl)-N'-[2-[4-hydroxy-4-(phenylmethyl)-1-piperidinyl]ethyl]- (CA INDEX NAME) CN

849224-36-8 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-diethyl-4pyridiny1)amino]carbony1]amino]ethy1]-4-piperidiny1]-N-ethy1-4-methoxy-(CA INDEX NAME)

849224-37-9 CAPLUS

Benzenesulfonamide, N-[1-[2-[[(2,6-diethyl-4-pyridinyl).maino]earbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-4-fluoro-(CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN RN 849224-41-5 CAPLUS (Continued)

A-Piperidinecarboxamide, N-methyl-1-[2-[[[[2-methyl-6-(2-phenylethyl)-4-pyridinyl]anino]carbonyl]amino]ethyl]-4-phenyl-N-(phenylmethyl)- (CA INDEX NAME)

RN 849224-44-8 CAPLUS

 $\label{eq:continuous} $$ Urea, N-[2-[2-(4-fluorophenyl)ethyl]-6-methyl-4-pyridinyl]-N'-[2-[4-(phenylmethyl)-1-piperidinyl]ethyl]- (CA INDEX NAME) $$$ 

849224-45-9 CAPLUS

Urea, N-(2-methyl-4-pyridinyl)-N'-[2-[4-(phenylmethyl)-1-piperidinyl]ethyl]- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} \text{Et} & \bigcap \\ & \bigcap \\ & N \\ & N \\ & N \\ & \\ & D \\$$

849224-38-0 CAPLUS

Urea, N.[2-[4-hydroxy-4-(phenylmethyl)-1-piperidinyl]ethyl]-N'-[2-(2-phenylethyl)-4-pyridinyl]- (CA INDEX NAME)

849224-40-4 CAPLUS
Urea, N-[2-[2-(4-fluoropheny1)ethy1]-4-pyridiny1]-N'-[2-[4-hydroxy-4-(phenylmethy1)-1-piperidiny1]ethy1]- (CA INDEX NAME)

$$\begin{picture}(20,0) \put(0,0){\line(1,0){100}} \put(0,0){\line(1,0){100$$

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849224-46-0 CAPLUS

Urea, N-[2-[4-hydroxy-4-(phenylmethyl)-1-piperidinyl]ethyl]-N'-[2-(phenylmethyl)-4-pyridinyl]- (CA INDEX NAME)

849224-47-1 CAPLUS RN

Benzenesulfonamide, N-[1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-fluoro-N-propyl-(CA INDEX NAME)

RN 849224-48-2 CAPLUS

Benzenesulfonamide, 4-bromo-N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

849224-49-3 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-methoxy-N-propyl-(CA INDEX NAME)

$$\begin{array}{c} \text{Def} \\ \text{Def} \\ \text{NH-C-NH-CH}_2\text{-CH}_2\text{-NH-S} \\ \text{Me} \end{array}$$

849224-50-6 CAPLUS

4-Piperidinecarboxamide, 1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-N,4-dimethyl-N-(phenylmethyl)- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849224-53-9 CAPLUS

4-Piperidinecarboxamide, 1-[2-[[[(2,6-dimethyl-4-pyxidinyl)amino]carbonyl]amino]ethyl]-N-[(4-methoxyphenyl)methyl]-N,4dimethyl- (CA INDEX NAME)

849224-54-0 CAPLUS

Denzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]chyl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

RN 849224-56-2 CAPLUS
CN Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-methoxy-N-methyl-(CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849224-51-7 CAPLUS

4-Piperidinecarboxamide, 1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-N-[(4-methoxyphenyl)methyl]-N,4-dimethyl- (CA INDEX NAME)

849224-52-8 CAPLUS

049224-92-9 CAPLUS
4-PiperidinearBoxamide, 1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-N,4-dimethyl-N-(phenylmethyl)- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849224-58-4 CAPLUS

04724-30-4 CARDO N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3-methoxy-N-methyl-(CA INDEX NAME)

849224-60-8 CAPLUS
Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino[carbonyl]amino]ethyl]-4-piperidinyl]-2,5-dimethoxy-N-methyl- (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{OMe} \\ \text{NH-C-NH-CH}_2\text{-CH}_2\text{--NH-CH}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text{--CH}_2\text{--NH-CM}_2\text{--CH}_2\text$$

RN 849224-62-0 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3,4-dimethoxy-Nmethyl- (CA INDEX NAME)

849224-64-2 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridiny1)amino]carbony1]amino]ethy1]-4-piperidiny1]-2-methoxy-W, 4-dimethyl- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849224-67-5 CAPLUS Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2-fluoro-N-methyl-(CA INDEX NAME)

849224-70-0 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2,4-difluoro-N-methyl-(CA INDEX NAME)

RN 849224-72-2 CAPLUS

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L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849224-65-3 CAPLUS

Denzemesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-fluoro-N-methyl-(CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{Me} \end{array}$$

849224-66-4 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3-fluoro-N-methyl-(CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-

(CA INDEX NAME)

849224-74-4 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[ $\langle 2,6-dimethyl-4$ pyridinyl]amino|carbonyl]amino|ethyl]-4-piperidinyl]-2,6-difluoro-N-methyl-(CA INDEX NAME)

849224-76-6 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-ethyl-N-methyl-

849224-78-8 CAPLUS

Notamide, N-[4-[[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]methylamino]sulfonyl]phenyl]- (CA INDEX NAME)

849224-80-2 CAPLUS Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl-4-(1methylethoxy) - (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849224-86-8 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N,2-dimethyl- (CA

849224-88-0 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-methoxy-N,2,3,6-tetramethyl- (CA INDEX NAME)

RN 849224-90-4 CAPLUS

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L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849224-82-4 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[ $\langle 2,6-dimethyl-4$ pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N,4-dimethyl- (CA INDEX NAME)

849224-84-6 CAPLUS Benzenesulfonamide, N-[1-[2-[[[ $\langle 2,6-dimethyl-4$ pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N, 3-dimethyl- (CA INDEX NAME)

L10 ANSMER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
CN Benzenesulfonamide, 4-chloro-N-[1-[2-[[[(2,6-dimethyl-4pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX

849224-92-6 CAPLUS

Benzensulfonamide, 3-chloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

CN

849224-96-0 CAPLUS

 ${\tt Benzene sulfonamide,\ 3,4-dichloro-N-[1-[2-[[[(2,6-dimethyl-4-dimensional order)])]])}$ pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

849224-98-2 CAPLUS

Benzenesufcannaide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl-4-(trifluoromethyl)- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-04-3 CAPLUS

3-Thiophenesulfonamide, 2,5-dichloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-00-9 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl-3-(trifluoromethyl)- (CA INDEX NAME)

849225-02-1 CAPLUS

2-Thiophenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX NWME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

(Continued) PAGE 1-A

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RN 849225-08-7 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

849225-10-1 CAPLUS

Benzenesulfonamide, N=[1-[2-[[[(2,6-dimethy1-4-pyridiny1)amino]carbony1]amino]ethy1]-4-piperidiny1]-N-ethy1-3-fluoro-(CA INDEX NAME)

849225-12-3 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2-fluoro-(CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-18-9 CAPLUS

Benzenesufonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2,6-difluoro-(CA INDEX NAME)

849225-20-3 CAPLUS
Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridiny1)amino]carbony1]amino]ethy1]-4-piperidiny1]-N,4-diethy1- (CA INDEX NAME)

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L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-14-5 CAPLUS RN

Benzenesulfonamide, N-[1-[2-[[[ $\langle 2,6-dimethyl-4$ pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2,4-difluoro-(CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\$$

849225-16-7 CAPLUS

Benzenesulfonanide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-3,4-difluoro-(CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-22-5 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-4-(1methylethoxy) - (CA INDEX NAME)

849225-24-7 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-ppridinyl]-N-ethyl-4-methyl-

849225-26-9 CAPLUS
Benzenesulfonamide, N-[1-[2-[[[{2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-3-methyl-(CA INDEX NAME)

849225-28-1 CAPLUS Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2-methyl-(CA INDEX NAME)

849225-30-5 CAPLUS

Benzenesulfonamide, N-[1-[2-[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-4-methoxy-2,3,6-trimethyl- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-35-0 CAPLUS
Benzenesulfonamide, 2-chloro-N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX

849225-36-1 CAPLUS

pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-

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L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} & & & & \\ & & & \\ & &$$

849225-32-7 CAPLUS

Denzenesulfonamide, 4-chloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX

pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-4-(trifluoromethyl) - (CA INDEX NAME)

849225-38-3 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[ $\langle 2,6-dimethyl-4$ pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-3-(trifluoromethyl)- (CA INDEX NAME)

849225-39-4 CAPLUS

 $\label{eq:benzenesulfonamide} \begin{array}{ll} \texttt{Benzenesulfonamide}, & \texttt{N-[1-[2-[[[42,6-dimethyl-4-pyridinyl]]-N-ethyl-2-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2-pyridinyl-2-pyr$ (trifluoromethyl) - (CA INDEX NAME)

RN 849225-40-7 CAPLUS

CN 2-Thiophenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

RN 849225-41-8 CAPLUS

CN 2-Thiophenesulfonamide, 5-chloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

N 849225-42-9 CAPLUS

CN 3-Thiopenesulfonamide, 2,5-dichloro-N-[1-[2-[[[(2,6-dinethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

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NH NH

RN 849225-43-0 CAPLUS

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L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

CN Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2,5-dimethoxy-(CA INDEX NAME)

N 849225-44-1 CAPLUS

ON Benzenesulfonamide, 5-bromo-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2-methoxy-(CA INDEX NAME)

RN 849225-45-2 CAPLUS

ON Benzensulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2-methoxy-4-methyl- (CA INDEX NAME)

849225-46-3 CAPLUS
Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-3,4-dimethoxy-(CA INDEX NAME)

849225-47-4 CAPLUS

Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-3-methoxy-(CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-50-9 CAPLUS

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2-fluoro- (CA INDEX NAME) CN

849225-51-0 CAPLUS
Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2,4-difluoro- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-48-5 CAPLUS RN

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4 pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

849225-49-6 CAPLUS

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2.6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3-fluoro- (CA INDEX NAME) CN

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-52-1 CAPLUS

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3,4-difluoro- (CA INDEX NAME)

849225-53-2 CAPLUS

Benzenesuftonamide, N-cyclopropyl-N-[1-[2-[[[2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2,6-difluoro- (CA INDEX NAME)

849225-54-3 CAPLUS
Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-ethyl- (CA INDEX NAME)

849225-55-4 CAPLUS
Acetamide, N-[4-[[cyclopropyl[1-[2-[[[(2,6-dimethyl-4-pyridinyl]amino]surfonyl]mino]ethyl]-4-piperidinyl]amino]sulfonyl]phenyl]-(CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-58-7 CAPLUS

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3-methyl- (CA INDEX NAME)

Benzmesulfonanide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2-methyl- (CA INDEX NUME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-56-5 CAPLUS CN Benzenesulfonamide,  $\label{eq:control_of_section} \begin{array}{ll} \text{Output} & \text{Output} \\ \text{Benzenesulfonamide, } \text{N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-(1-methylethoxyl-fixed) \\ \text{Output} & \text{Output} \\ \text{Output} \\ \text{Output} & \text{Output} \\ \text{Output} \\ \text{Output} & \text{Output} \\ \text{Output} \\$ (CA INDEX NAME)

Benzenesulfonanide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-methyl- (CA INDEX NAME) CN

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-60-1 CAPLUS

Benzenesulfonamide, 4-chloro-N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME) CN

RN 849225-61-2 CAPLUS

 ${\tt Benzene sulfonamide, 3-chloro-N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-d$ pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

849225-62-3 CAPLUS

Benzensylfonamide, 2-chloro-N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

849225-63-4 CAPLUS

Benzenesulfonamide, 3,4-dichloro-N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-66-7 CAPLUS

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[][(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2-(trifluoromethyl)-(CA INDEX NAME)

849225-67-8 CAPLUS

2-Thiophenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

RN 849225-68-9 CAPLUS

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L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-64-5 CAPLUS CN Benzenesulfonamide,

 $\label{eq:control_one} $$ expectation of the property of the$ (CA INDEX NAME)

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3-(trifluoromethyl)-CN (CA INDEX NAME)

L10 ANSMER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
CN 2-Thiophenesulfonamide, 5-chloro-N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

RN 849225-69-0 CAPLUS

dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-pyridinyl)- (CA

849225-70-3 CAPLUS

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-methoxy- (CA INDEX

849225-71-4 CAPLUS

Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3-methoxy- (CA INDEX NAME)

849225-72-5 CAPLUS
Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[][(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2,5-dimethoxy- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c} \text{Et} \\ \text{O} \\ \text{NH} \\ \text{C-NH-CH}_2\text{-CH}_2 \\ \text{NH} \end{array} \\ \begin{array}{c} \text{Et} \\ \text{N-S} \\ \text{OMe} \end{array} \\ \begin{array}{c} \text{Me} \\ \text{OMe} \\ \end{array}$$

849225-75-8 CAPLUS

Benzenesulfonamide, N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3,4-dimethoxy- (CA INDEX NAME)

849225-76-9 CAPLUS

Benzenesulfonamide, N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3-methoxy- (CA INDEX NAME)

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L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-73-6 CAPLUS
Benzenesulfonamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-RN CN pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2-methoxy-4-methyl-(CA INDEX NAME)

849225-74-7 CAPLUS

RN CN Benzenesulfonamide, N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-2-methoxy-4-methyl-(CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-77-0 CAPLUS
CN Benzeneacetamide, 3,4-dichloro-N-[1-[2-[[(2,6-dimethyl-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX

849225-78-1 CAPLUS

Benzeneacetamide, N-[1-[2-[[(2,6-dimethyl-4-pyridinyl]anino]carbonyl]amino]ethyl]-4-piperidinyl]-2-methoxy-N-methyl-(CA INDEX NAME) CN

849225-79-2 CAPLUS

Cyclopropanecarboxamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl-1-phenyl-(CA INDEX NAME)

pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

RN 849225-81-6 CAPLUS

Cyclopropanecarboxamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-1-(4-methoxyphenyl)-Nmethyl- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-84-9 CAPLUS

Benzeneacetanide, N-[1-[2-[[](2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-4-fluoro-N-methyl-(CA INDEX NAME)

RN 849225-85-0 CAPLUS
CN Benzeneacetamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

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L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-82-7 CAPLUS
CN Benzeneacetamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-3,4-dimethoxy-Nmethyl- (CA INDEX NAME)

RM 849225-83-8 CAPLUS

Benzeneacetamide, 4-chloro-N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-86-1 CAPLUS

049220-00-1 CAFIUD 2-Pyridinecatamide, N-[1-[2-[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX

RN 849225-87-2 CAPLUS

Benzeneactamide, 3-chloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-methyl- (CA INDEX NAME) CN

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{NH-C-NH-CH}_2\text{-CH}_2\text{--N} \\ \end{array}$$

849225-89-4 CAPLUS

 ${\tt Benzeneacetamide, 4-chloro-N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4-infinity of the context o$ 

849225-90-7 CAPLUS

Benzeneacetamide, 2-chloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-93-0 CAPLUS

049223-33-9 CAPUDS Benzeneacetamide, 4-chloro-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]amino]earbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-α,α-dimethyl- (CA INDEX NAME)

849225-94-1 CAPLUS

Cyclopropanecarboxamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]-N-ethyl-1-phenyl-(CA INDEX NEME)

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L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-91-8 CAPLUS RN

pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

849225-92-9 CAPLUS RN

Benzeneacetamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl) amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2-methoxy-(CA\_INDEX\_NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849225-95-2 CAPLUS

049220-39-2 CAFMUS Cyclopropanecarboxamide, 1-(4-chlorophenyl)-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX

RN 849225-96-3 CAPLUS
CN Cyclopropanecarboxamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-1-(4methoxyphenyl)- (CA INDEX NAME)

RN 849225-97-4 CAPLUS
CN Benzeneacetamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX

Benzeneacetanide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-4-methoxy-(CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849226-01-3 CAPLUS
Benzamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl]-N-ethyl-4-fluoro-(CA INDEX NAME)

RN 849226-02-4 CAPLUS

Benzeneacetaide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]earbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-3-methoxy-(CA INDEX NAME)

Page 82

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

849225-99-6 CAPLUS
Benzamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-4-methoxy-CN (CA INDEX NAME)

849226-00-2 CAPLUS

Benzamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-3,4-dimethoxy-(CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849226-03-5 CAPLUS
CN Benzeneacetamide, N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-3,4-dimethoxy-(CA INDEX NAME)

849226-04-6 CAPLUS
Benzeneacetamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2,5-dimethoxy-(CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \\ \text{N} \\ \\ \text{Me} \end{array}$$

849226-05-7 CAPLUS

2-Thiopheneacetamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

849226-06-8 CAPLUS Benzeneacetamide, N-[1-[2-[[[{2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-4-fluoro-(CA INDEX NAME)

$$\begin{array}{c} \text{Ne} \\ \\ \text{NH} \\ \\ \text{Ne} \end{array} \\ \begin{array}{c} \text{NH} \\ \\ \text{C-NH-CH}_2 \\ \\ \text{CH}_2 \\ \\ \text{CH}_2 \\ \\ \text{N-C-CH}_2 \\ \\ \text{NH} \\ \end{array} \\ \begin{array}{c} \text{Fr} \\ \\ \\ \text{NH} \\ \\ \text{C-CH}_2 \\ \\ \text{NH} \\ \\ \text{C-CH}_2 \\ \\ \text{NH} \\ \\ \text{C-CH}_2 \\ \\ \text{NH} \\ \text{C-CH}_2 \\ \\ \text{C-$$

849226-07-9 CAPLUS

Benzamide, N-[1-[2-[[[2,6-dimethyl-4-pyridinyl]-N-ethyl- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849226-10-4 CAPLUS

Cyclopropanecarboxamide, N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl]amino]ethyl]-4-piperidinyl]-1-(4-methoxyphenyl)-(CA INDEX NAME)

RN 849226-11-5 CAPLUS

04922.0-11-3 CAPLOS

Benzeneacetamide, N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 849226-08-0 CAPLUS

Cyclopropanecarboxamide, N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-1-phenyl- (CA INDEX NAME)

$$\bigcap_{C-N}^{O-Et} \bigvee_{N-CH_2-CH_2-NH-C-NH-Me}^{O-Et} \bigvee_{N-CH_2-CH_2-NH-C-NH-Me}^{O-Et}$$

849226-09-1 CAPLUS

Cyclopropanecarboxamide, 1-(4-chlorophenyl)-N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & &$$

RN 849226-12-6 CAPLUS

Benzeneacetamide, 4-chloro-N-ethyl-N-[1-[2-[[[(2-ethyl-6-methyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

849226-13-7 CAPLUS

 ${\tt Benzeneacetamide, 4-chloro-N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-dime$  $pyridiny1)amino]carbony1]amino]ethy1]^{-4}-piperidiny1]-\alpha,\alpha-dimethy1- (CA INDEX NAME)$ 

849226-14-8 CAPLUS

Cyclopropanearboxamide, N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]earbonyl]amino]ethyl]-4-piperidinyl]-1-(4-methoxyphenyl)-(CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

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L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

PAGE 2-A

RN 849226-15-9 CAPLUS
CN Benzeneacetamide, 4-chloro-N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]- (CA INDEX NAME)

849226-16-0 CAPLUS
Cyclopropanecarboxamide, 1-(4-chlorophenyl)-N-cyclopropyl-N-[1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl)- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

PAGE 1-A

PAGE 2-A

RN 849226-17-1 CAPLUS

- L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
- Cyclopropanecarboxamide, N-cyclopropyl-N-[1-[2-[[[[2,6-dimethyl-4-pyridinyl]amino]carbonyl]amino]ethyl]-4-piperidinyl]-1-phenyl- (CA INDEX NAME)

PAGE 1-A

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

- RN 849226-54-6 CAPLUS
- Carbamic acid, [1-[2-[[[(2,6-dimethyl-4-pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

- RN 849226-55-7 CAPLUS
- Urea, N-(2-methyl-4-pyridinyl)-N'-[2-oxo-2-[4-(phenylmethyl)-1piperidinyl]ethyl]- (CA INDEX NAME)

- RN 849226-56-8 CAPLUS
- Urea, N-(2-chloro-4-pyridinyl)-N'-[2-[4-hydroxy-4-(phenylmethyl)-1piperidinyl]ethyl]- (CA INDEX NAME)

## Page 85

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

> PAGE 2-A Ph

- 849226-18-2 CAPLUS
- Benzenesulfonamide, N-[1-[2-[[[(2,6-dimethyl-4pyridinyl)amino]carbonyl]amino]ethyl]-4-piperidinyl]-N-ethyl-2-methoxy-(CA INDEX NAME)

- 849226-53-5P, 1-(2,6-Dimethylpyridin-4-yl)-3-[2-(4methylaminopiperidin-1-yl)ethyl]urea 849226-54-6P, [1-[2-[3-(2,6-Dimethylpyridin-4-yl)ureido]ethyl]piperidin-4-yl](methyl)carbamic acid tert-butyl ester 849226-55-7P,
- 1-[2-(4-Benzylpiperidin-1-yl)-2-oxoethyl]-3-(2-methylpyridin-4-yl)urea 849226-56-8P, 1-[2-(4-Benzyl-4-hydroxypiperidin-1-yl)ethyl]-3-(2-chloropyridin-4-yl)urea
- RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
  - (intermediate; preparation of novel 2-piperidinoethyl quinolinyl ureas for use as urotensin II antagonists in combination with other pharmacol.
- RN 849226-63-5 CAPUUS
  CN Urea, N-(2,6-dimethyl-4-pyridinyl)-N'-[2-[4-(methylamino)-1-piperidinyl]ethyl]- (CA INDEX NAME)

L10 ANSWER 12 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

- IT 1015230-22-4 1015230-26-8 1015230-28-0
  - RL: RCT (Reactant); RACT (Reactant or reagent)
    (preparation of novel 2-piperidinoethyl quinolinyl ureas for use as
    urotensin II antagonists in combination with other pharmacol. active
- compds.)
  RN 1015230-22-4 CAPLUS
- $\label{eq:continuous} \mbox{Urea, } \mathbb{N}^-(2,6-\mbox{dimethyl-}4-\mbox{pyridinyl}) \mathbb{N}' [2-[4-(\mbox{ethylamino})-1-\mbox{ethylamino}] [2-[4-(\mbox{ethylamino})-1-\mbox{ethyla$ piperidinyl]ethyl]- (CA INDEX NAME)

- RN 1015230-26-8 CAPLUS
- pyridinyl) - (CA INDEX NAME)

RN 1015230-28-0 CAPLUS

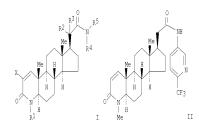
CN Urea, N-[2-[4-(ethylamino)-1-piperidinyl]ethyl]-N'-(2-ethyl-6-methyl-4-pyridinyl)-, hydrate (1:1) (CA INDEX NAME)

• 0

REFERENCE COUNT:

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 13 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) JP 2007521293 20070802 JP 2006-518688 20040625 US 20060287326 20061221 US 2005-557229 20051117 US 2003-483784P 20030630 PRIORITY APPLN. INFO.: WO 2004-US20548 20040625 CASREACT 142:156209; MARPAT 142:156209 OTHER SOURCE(S):



AB 3-Oxo-4-aza-5α-androst-1-ene-17β-acetamide derivs., such as I
[X = H, halo; RI = H, CT3, alkyl, alkoxy, halo, amino, alkylamino, CH2OH;
R2, R3 = H, halo, alkyl, amino, aminoalkyl, alkoxyalkyl, alkoxyalkyl,
alkoxycarbonylalkyl, cyano, perfluoroalkyl, alkylcarbonyl,
alkylcarbonylamino; R2R3 = oxo, spirocycloalkyl; R4, R5 = H, halo, alkyl,
alkenyl, alkynyl, carbonylalkyl, carbonylalkynyl, cycloalkyl, heterocyclyl, cycloheteroalkyl, carboxyaryl, etc.], or a
pharmaceutically acceptable salt or an enantiomer thereof, were prepared for
their use as modulators of the androgen receptor (RR) in a tissue
selective manner. Thus, 3-oxo-4-aza-5α-androst-1-ene-17βacetamide derivative II, was prepared via a multiple step reaction sequence
starting from 4-methyl-3-oxo-4-aza-5α-androst-1-ene-17-carboxylic
acid and 3-amino-6-trifluoromethylpyridine. The prepared compds. are useful
as agonists of the androgen receptor in bone and/or muscle tissue while
antagonizing the AR in the prostate of a male patient or in the uterus of
a female patient. I are therefore useful in the enhancement of weakened
muscle tone and the treatment of conditions caused by androgen deficiency
or which can be ameliorated by androgen administration, including

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L10 ANSWER 13 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:55196 CAPLUS DOCUMENT NUMBER: 142:156209 TITLE: Preparation of

3-oxo-4-aza-5α-androst-1-ene-17β-acetamide derivatives as androgen receptor modulators Dankulich, William P.; Kaufman, Mildred L.; Meissner,

INVENTOR(S): Dankulich, William P.; Kaufman, Mild Robert S.; Mitchell, Helen J. PATENT ASSIGNEE(S): Merck & Co., Inc., USA

PATENT ASSIGNEE(S): Merck & Co., Inc., USA
SOURCE: PCT Int. Appl., 158 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

				KIN	_	DATE						NO.					
WO 2005005380 WO 2005005380			A2		2005		WO 2004-US20548						20040625				
	W:	ΑE,	AG,	AL,	AM,	AT,	AU,	AZ,	BA,	BB,	BG,	BR,	BW,	ΒY,	BZ,	CA,	CH,
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	ΚP,	KR,	KZ,	LC,
		LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NA,	NI,
		NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,
		TJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW
	RW:	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,
		AZ,	ΒY,	KG,	KZ,	MD,	RU,	IJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,
		EE,	ES,	FI,	FR,	GB,	GR,	ΗU,	IE,	IT,	LU,	MC,	NL,	PL,	PT,	RO,	SE,
		SI,	SK,	TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,
		SN,	TD,	TG													
AU	20043	2560	75		A1		2005	0120		AU 2	004-	2560	75		2	0040	625
AU	2004	2560	75		В2		2008	1204									
CA	25301	025			A1		2005	0120		CA 2	004-	2530	025		2	0040	625
$\mathbb{E}\mathbb{P}$	1641	535			A2		2006	0405		EP 2	004-	7771	35		2	0040	625
	R:	AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,
		IE,	SI,	LT,	LV,	FI,	RO,	CY,	TR,	BG,	CZ,	EE,	HU,	PL,	SK		
CN	1816	370			A		2006	0809		CN 2	004-	8001	8715		2	0040	625

L10 ANSWER 13 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) osteoporosis, osteopenia, glucocorticoid-induced osteoporosis, periodontal disease, bone fracture, bone danage following bone reconstructive surgery, sarcopenia, frailty, aging skin, male hypogonadism, postnenopausal symptoms in women, atherosclerosis, hypercholesterolenia, hyperlipidemia, obesity, aplastic anemia and other hematopoietic disorders, inflammatory arthritis and joint repair, HTV-wasting, prostate cancer, cancer cachexia, Alzheimer's disease, muscular dystrophies, cognitive impairment, decreased libido, premature ovarian failure, and autoimmune disease, alone or in combination with other active agents.

IT 827584-27-0P

RE: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 3-oxo-4-aza-5 $\alpha$ -androst-1-ene-17 $\beta$ -acetamide derivs. as androgen receptor modulators and their therapeutic uses) 827584-27-0 CAPLUS

RN 827584-27-0 CAPLUS
CN 1H-Indeno[5,4-f]quinoline-7-acetamide,

2, 4a, 4b, 5, 6, 6a, 7, 8, 9, 9a, 9b, 10, 11, 11a-tetradecahydro-4a, 6a-dimethyl-2-oxo-N-[6-[[[2-(1-piperidinyl)+ethyl]amino]carbonyl]amino]-2-pyridinyl]-, (4aR, 4bS, 6aR, 7R, 9aS, 9bS, 11aR)- (CA\_NDEX\_NBME)

Absolute stereochemistry.

PAGE 1-A

DOCUMENT NUMBER: 142:93842

TITLE:

Preparation of bicyclic compounds that modulate PPAR- $\gamma$  type receptors and use thereof in

cosmetic or pharmaceutical compositions
Clary, Laurence; Thoreau, Etienne; Rivier, Michel;

Aubert, Jerome; Chantalat, Laurent; Voegel, Johannes Galderma Research & Development, S.N.C., Fr. PATENT ASSIGNEE(S):

SOURCE: PCT Int. Appl., 146 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: FAMILY ACC. NUM. COUNT: English

PATENT INFORMATION:

INVENTOR(S):

PATENT NO.																		
WO								WO 2004-EP7200							0040	616		
	W:	AE,	AG,	AL,	AM,	AT,	AU,	ΑZ,	BA,	BB,	BG,	BR,	BW,	BY,	BZ,	CA,	CH,	
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,	
		GE,	GH,	GM,	HR,	ΗU,	ID,	IL,	IN,	IS,	J₽,	$\mathbb{KE}_{I}$	ΚG,	KΡ,	KR,	KΣ,	LC,	
		LK,	$LR_{t}$	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	ΜZ,	NA,	NI,	
		NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY	
		IJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW	
	RW:	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM	
		AZ,	BY,	KG,	KΣ,	$\mathbb{MD}_{I}$	RU,	TJ,	ΤM,	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK	
		EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,	IT,	LU,	MC,	$\mathbb{NL}_{i}$	$PL_{r}$	PT,	RO,	SE	
		SI,	SK,	TR,	BF,	ΒJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	$\mathrm{ML}_{I}$	MR,	NE	
		SN,	TD,	TG														
FR	2856	401			A1		2004	1224		FR 2	003-	7487			2	0030	620	
	2004								AU 2004-249430									
CA	2529	154			A1		2004	1229	CA 2004-2529154						20040616			
EP	1638	964			A1		2006	0329		EP 2	004-	7405	61		2	0040	616	
	R:	ΑT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,	
		IE,	SI,	LT,	LV,	FI,	RO,	CY,	TR,	BG,	CZ,	EE,	ΗU,	PL,	SK			
BR	2004																	
	1863										004-							
JΡ	2009	5134	88		T		2009	0402		JP 2	006-	5160	91		2	0040	616	
ΜX	2005	0136	45		A		2006	0224		MX 2	005-	1364	5		2	0051	214	
	2005																	
US	2006	0148	862		A1		2006	0706		US 2	005-	3114	49		2	0051	220	

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L10 ANSWER 13 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

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IT 827589-15-1

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of 3-oxo-4-aza-5 $\alpha$ -androst-1-ene-17 $\beta$ -acetamide derivs. as androgen receptor modulators and their therapeutic uses) 827589-15-1 CAPLUS

Urea, N-(6-amino-2-pyridiny1)-N'-[2-(1-piperidiny1)ethy1]- (CA INDEX CN

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT REFERENCE COUNT:

L10 ANSWER 14 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) FR 2003-7487 A 20030620 US 2003-489672P P 20030724

WO 2004-EP7200

W 20040616

OTHER SOURCE(S): MARPAT 142:93842

$$R^{2}$$
 X —  $\left\langle Ar^{1}\right\rangle$  —  $\left\langle Ar^{2}\right\rangle$  —  $R^{1}$ 

AB Title compds. I [R1 = thiazolidine-2,4-dione-Me, alkyl, etc.; X = alkylamino, etc.; R2 = alkyl, aryl, aralkyl, etc.; Ar1-2 = Ph, pyridyl, pyrimidinyl, etc.] are prepared For instance, N-[4-[4-[42,4-Dioxothiazolidin-5-yl)methyl]phenyl]thiophen-2-ylmethyl]-Nmethylbenzamide (II) is prepared in 5 steps from 4-bromothiophene-2-carboxaldehyde, 4-formylbenzeneboronic acid and 2,4-thiazolidinedione. Twenty eight synthetic prepns, are detailed and over 100 are claimed. II has Kd = 30 nM for PPAR- $\gamma$  and much less affinity for PPAR- $\alpha$  and PPAR- $\delta$ . I are useful for use in human or veterinary medicine (in dermatol., cardiovascular, immune and/or diseases associated with lipid metabolism) or, alternatively, in cosmetic compns. 817619-42-4P, (S)-2-Ethoxy-3-[4-[4-[N-methyl-N'-[2-(piperidin-1yl)ethyl]ureido]pyridin-2-yl]phenyl]propanoic acid 817619-52-6P, (S)-2-Ethoxy-3-[4-[6-[N-methyl-N'-[2-(piperidin-1-yl)ethyl]ureido]pyridin-2-y1]pheny1]propanoic acid
RL: COS (Cosmetic use); PAC (Pharmacological activity); SPN (Synthetic

preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(novel compds. that modulate PPAR-y type receptors, and use

thereof in cosmetic or pharmaceutical compns.)

817619-42-4 CAPLUS

Benzenepropanoic acid, α-ethoxy-4-[4-[methy1][[2-(1piperidinyl)ethyl]amino]carbonyl]amino]-2-pyridinyl]-, (\alpha S)- (CA INDEX NAME)

Absolute stereochemistry.

817619-52-6 CAPLUS

Benzenepropanoic acid, α-ethoxy-4-[6-[methy1][[[2-(1piperidinyl)ethyl]amino]carbonyl]amino]-2-pyridinyl]-, (aS)- (CA INDEX NAME)

Absolute stereochemistry.

L10 ANSWER 15 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 2004:857166 CAPLUS

DOCUMENT NUMBER: 141:332218

TITLE:

Preparation of diazaheterocycles as calcitonin gene

related peptide receptor antagonists

Chaturvedula, Prasad V.; Chen, Ling; Civiello, Rita; Conway, Charles Mark; Degnan, Andrew P.; Dubowchik, Gene M.; Han, Xiaojun; Jiang, Xiang Jun; Karageorge, George N.; Luo, Guanglin; Macor, John E.; Poindexter, Graham; Tora, George; Vig, Shikha

PATENT ASSIGNEE(S):

Bristol-Myers Squibb Company, USA U.S. Pat. Appl. Publ., 203 pp., Cont.-in-part of U.S. Ser. No. 445,523. SOURCE:

CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: FAMILY ACC. NUM. COUNT: English

PATENT INFORMATION:

INVENTOR(S):

PATENT NO.	KIND	DATE	AP:	PLICATION NO.	DATE		
US 20040204397	A1	20041014	US	2003-729155		20031205	
US 7220862	B2	20070522					
US 20040063735	A1	20040401	US	2003-445523		20030527	
ZA 2004009654	A	20060726	ZA	2004-9654		20041129	
US 20070148093	A1	20070628	US	2006-641974		20061219	
US 20070149502	A1	20070628	US	2007-620253		20070105	
US 20070149503	A1	20070628	US	2007-620308		20070105	
US 20070232600	A1	20071004	US	2007-620291		20070105	
US 7314883	B2	20080101					
PRIORITY APPLN. INFO.:			US	2002-386138P	P	20020605	
			US	2002-388617P	P	20020613	
			US	2002-389870P	P	20020619	
			US	2002-393200P	P	20020701	
			US	2002-413534P	P	20020925	
			US	2003-445523	A2	20030527	
			US	2003-729155	A3	20031205	
OTHER SOURCE(S):	MARPAT	141:332218					

L10 ANSWER 14 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

REFERENCE COUNT:

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 15 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

AB Diazaheterocycles I [m, n = 0-2; V = (un)substituted NH2, OH; Q = (un)substituted alkyl, NH2, NHCONH2; U = CH2, NH; D = 0, NCN, alkylsulfonylimino; A = C, N, CH; E = (un)substituted heterocyclic; with provisos] were prepared for use as antaponists of calcitonin gene-related peptide receptors for treatment of neurogenic vasodilation, neurogenic inflammation, migraine and other headaches, thermal injury, circulatory shock, flushing associated with menopause, airway inflammatory diseases, such as asthma and chronic obstructive pulmonary disease (COPD). Thus, the indazole II was prepared from 1H-indazole-5-carboxaldehyde and had IC50 for calcitonin gene related peptide receptor binding of  $\leq\,10\,$  nM. The  $\ensuremath{\mathsf{pharmaceutical}}$  composition comprising the compound I is claimed.

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

 $\langle {\tt preparation} \ {\tt of} \ {\tt diazaheterocycles} \ {\tt as} \ {\tt calcitonin} \ {\tt gene} \ {\tt related} \ {\tt peptide}$ receptor antagonists)
RN 635712-01-5 CAPLUS

L10 ANSWER 15 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Urea, N-[(1S)-1-([1,4'-bipiperidin]-1'-ylcarbonyl)-3-[4-(1,4-dihydro-2-oxo-3(2H)-quinazolinyl)-1-piperidinyl]-3-oxopropyl]-N'-(2,6-dichloro-4-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

REFERENCE COUNT:

THERE ARE 119 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

	NSWER 16 OF 60		OPYRIGHT 20	09 AC	S on STN	(Contin	nued)
(	N 100339376	C	20070926				
1	Z 538617	A	20051223	NZ	2003-538617		20030828
3	U 2310651	C2	20071120	RU	2005-108999		20030828
į	P 4183193	B2	20081119	JP	2004-532761		20030828
(	S 20050187236	A1	20050825	US	2003-651496		20030829
į	rs 7109219	B2	20060919				
	N 2004CN02961	A	20060217	IN	2004-CN2961		20041228
(	S 20060004029	A1	20060105	US	2005-521074		20050112
1	IX 2005001536	A	20050419	MX	2005-1536		20050208
1	0 2005001577	A	20050527	NO	2005-1577		20050329
(	S 20070004764	A1	20070104	US	2006-507082		20060818
(	S 7468380	B2	20081223				
PRIOR	TY APPLN. INFO.	;		JP	2002-253123	A	20020830
				US	2003-464690P	P	20030422
				WO	2003-JP10964	W	20030828
				US	2003-651496	A3	20030829
OTHER	SOURCE(S):	MARPAT	140:253450				

GI

The title compds. I [XI is nitrogen or a group represented by the general formula CR10 ;  $\rm X2$  is nitrogen or a group represented by the general formula CR11 ; Y is oxygen or the like; RI is CI-6 alkoxy, optionally

Page 89

L10 ANSWER 16 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:203828 CAPLUS 140:253450

DOCUMENT NUMBER:

Preparation of azaarene derivatives as

neovascularization inhibitors
Tsuruoka, Akihiko; Matsushima, Tomohiro; Matsukura, INVENTOR(S):

Masayuki; Miyazaki, Kazuki; Takahashi, Keiko; Kamata,

Junichi; Fukuda, Yoshio Eisai Co., Ltd., Japan

PATENT ASSIGNEE(S): SOURCE: PCT Int. Appl., 347 pp. CODEN: PIXXD2

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: Japanese

PATENT INFORMATION:

	TENT :				KIN		DATE				ICAT					ATE	
								WO 2003-JP10964						2003082			
	W:	$\mathtt{AE}_{I}$	$\mathbb{AG}_{r}$	$\mathbb{AL}_{r}$	AM,	$\mathbb{AT}_{I}$	AU,	AZ,	BA,	BB,	BG,	BR,	ΒY,	$\mathbb{BZ}_{I}$	CA,	CH,	1
		CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	ES,	FI,	GB,	GD,	GE,	
		$\mathtt{GM}_{t}$	${\tt HR}_{\it f}$	HU,	ID,	$\mathrm{IL}_{t}$	IN,	IS,	JP,	KΕ,	KG,	$\mathbb{KP}_{I}$	$\mathbb{KR}_{t}$	$\mathbb{KZ}_{1}$	LC,	LK,	
		LS,	LT,	LU,	LV,	MΑ,	MD,	MG,	MK,	MN,	MW,	MX,	ΜZ,	NI,	NO,	NZ,	
		PH,	$\mathbb{PL}_{r}$	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	ΤJ,	TM,	TN,	TR,	
		TZ,	UA,	UG,	US,	UZ,	VC,	W,	YU,	ZA,	ZM,	ZW					
	RW:	GH,	$\mathrm{GM}_{r}$	KE,	LS,	MW,	$MZ_{r}$	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,	
		KG,	$KZ_{I}$	MD,	RU,	TJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK.,	EE,	
		$FI_{I}$	$FR_{I}$	GB,	GR,	ΗU,	ΙE,	IT,	LU,	MC,	NL,	PT,	${\tt RO_{\it f}}$	SE,	SI,	SK,	
		BF,	ΒJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	G₩,	ML,	MR,	ΝE,	SN,	TD,	
CA	2488	739			A1		2004	0311		CA 2	003-	2488	739		2	0030	8
AU	2003	2618	07		A1		2004	0319		AU 2	003-	2618	07		2	0030	8
AU	2003	2618	07		В2		2007	0104									
AU	2003	2618	07		В9		2007	0215									
EP	1522	540			A1		2005	0413		EP 2	003-	7913	89		2	0030	8
	R:	ΑT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	
		IE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL,	TR,	BG,	CZ,	EE,	HU,	SK	
BR	2003	0138	71		A		2005	0719		BR 2	003-	1387	1		2	0030	8
CN	1678	607			A		2005	1005		ന്നു 2	nn3_	8202	71		2	0030	8

L10 ANSWER 16 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) substituted C6-10 aryloxy, a group represented by the general formula substituted C6-10 aryloxy, a group represented by the general formula NR12aR12b, or the like; R2 is hydrogen, optionally substituted C1-6 alkyl, or the like; R3 - R8, R10, and R11 are each independently hydrogen, halogeno, optionally substituted C1-6 alkyl, or the like; R9 is a group represented by the general formula NR16aR16b, or the like; R9 is a group represented by the general formula NR16aR16b, or the like; and R12a, R12b, R16a, and R16b are each independently hydrogen, optionally substituted C1-6 alkyl, or the like) are prepd. Compds. of this invention showed IC50 values of 3 nM to 40 nM against VBCFR2 kinase.
670250-27-8P 670250-39-2P 670250-49-49-8P

670250-41-6P 670250-45-0P 670250-49-4P 670250-76-7P 670250-77-8P 670250-78-9P 670250-82-5P 670250-83-6P 670250-97-2P 670250-99-4P 670251-32-8P 670251-37-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

 $( preparation \ of \ azaarene \ derivs. \ as \ neovascularization \ inhibitors)$ 

670250-27-8 CAPLUS

1H-Indole-1-carboxamide, 5-[[2-[[[[2-(4-hydroxy-4-methyl-1-piperidinyl)-2-oxoethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA INDEX NAME)

670250-39-2 CAPLUS

H-Indole-1-carboxamide, 5-[[2-[[[[(1S)-1-(hydroxymethyl)-2-oxo-2-(1-piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA

Absolute stereochemistry.

RN 670250-40-5 CAPLUS

 $\label{eq:helmodel} $$1$H-Indole-1-carboxamide, $5-[[2-[[[[\langle 1R\rangle -1-\langle hydroxymethy1\rangle -2-oxo-2-(1-\langle h$ piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

HB-Indole-1-carboxamide, 5-[[2-[[[(18)-1-(hydroxymethyl)-2-(4-hydroxy-1-piperidinyl)-2-oxoethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl-

L10 ANSWER 16 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 670250-76-7 CAPLUS

HR-Indole-1-carboxamide, N-ethyl-5-[[2-[[[(1R)-1-(hydroxymethyl)-2-oxo-2-(1-piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]- (CA INDEX

Absolute stereochemistry.

670250-77-8 CAPLUS

HE-Indole-1-carboxamide, N-ethyl-5-[[2-[[[[(1S)-1-(hydroxymethyl)-2-oxo-2-(1-piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxyl- (CA INDEX

Absolute stereochemistry.

L10 ANSWER 16 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (CA INDEX NAME)

Absolute stereochemistry.

670250-45-0 CAPLUS

 $1 \\ \\ \text{H-Indole-1-carboxamide, } 5 \\ - [[2 \\ - [[[[3 \\ - (4 \\ - \text{hydroxy} \\ - 4 \\ - \text{methyl-1-piperidinyl}) \\ - 3 \\ - 3 \\ - 4 \\$ oxopropyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA INDEX NAME)

670250-49-4 CAPLUS

1H-Indole-1-carboxamide, 5-[[2-[[[[3-(4-hydroxy-1piperidinyl)propyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA INDEX NAME)

L10 ANSWER 16 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 670250-78-9 CAPLUS
CN 1H-Indole-1-carboxamide, N-ethyl-5-[[2-[[[[2-(4-hydroxy-4-methyl-1piperidinyl)-2-oxoethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]- (CA INDEX

RN 670250-82-5 CAPLUS
CN 1H-Indole-1-carboxamide, N-ethyl-5-[[2-[[[[2-(4-hydroxy-1piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]- (CA INDEX NAME)

RN 670250-83-6 CAPLUS
CN 1H-Indole-1-carboxamide, 5-[[2-[[[[2-(4-hydroxy-1piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA INDEX NAME)

RN 670250-97-2 CAPLUS

1H-Indole-1-carboxamide, N-cyclopropyl-5-[[2-[[[(1R)-1-(hydroxymethyl)-2oxo-2-(1-piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]- (CA INDEX NAME)

Absolute stereochemistry.

L10 ANSWER 16 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

670251-37-3 CAPLUS
1H-Indole-1-carboxamide, 3-chloro-N-ethyl-5-[[2-[[[[3-(4-hydroxy-1piperidinyl)propyl]amino]carbonyl]amino]-4-pyridinyl]oxy]- (CA INDEX

REFERENCE COUNT:

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT L10 ANSWER 16 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 670250-99-4 CAPLUS

1H-Indole-1-carboxamide, N-cyclopropyl-5-[[2-[[[[(1S)-1-(hydroxymethyl)-2oxo-2-(1-piperidinyl)ethyl]amino]carbonyl]amino]-4-pyridinyl]oxy]- (CA

Absolute stereochemistry.

670251-32-8 CAPLUS

1H-Indole-1-carboxamide, 3-chloro-5-[[2-[[[3-(4-hvdroxv-1piperidinyl)propyl]amino]carbonyl]amino]-4-pyridinyl]oxy]-N-methyl- (CA

L10 ANSWER 17 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 2003:1014704 CAPLUS

DOCUMENT NUMBER: 139:403253

Preparation of ureidoalkylpiperidines as modulators of chemokine CCR3 receptor activity. Ko, Soo S.; Delucca, George V.; Duncia, John V.; Santella, Joseph B., III; Wacker, Dean A. TITLE:

INVENTOR(S):

PATENT ASSIGNEE(S):

Bristol-Wyers Squibb Pharma Company, USA U.S., 145 pp., Cont.-in-part of U.S. Ser. No. 465,286, abandoned. SOURCE:

CODEN: USXXAM

DOCUMENT TYPE: Patent

English

LANGUAGE: PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6605623 B1		20030812	US 2000-XB598821	20000621
PRIORITY APPLN. INFO.:			US 1998-112717P	19981218
			US 1999-161243P	19991022
			IIS 1999-465286	19991217

GI

$$\begin{bmatrix} J-M & R^4 & Z & \\ K & N & & \\ L-Q & E-M & NR^2R^3 & I \end{bmatrix}$$

AB [Title compds. I; M = CH2, CHR5, CHR13, CR13R13, CR5R13; Q = CH2, CHR5, CHR13, CR13R13, CR5R13; J, L = CH2, CHR5, CHR6, CR5R6, CR5R6; Z = O, S; M = CH2, CHR5, CHR13, CR13R13, CR5R13; K = CHR5, CR5R6; Z = O, S; E = (CHR7)(CHR5)(CK11R12); R1, R2 = H, alkyl, alkenyl, alkynyl, (substituted) alkylcycloalkyl; R2R5 = atons to form a (substituted) 5-7 membered ring; R3, R5 = (substituted) (alkyl)cycloalkyl, (alkyl)heterocyclyl; R4 = null, O, alkyl, alkenyl, alkynyl, etc.; R4 with R7, R9, or R11 = atoms to form a 5-7 membered ring; R5 = alkyl, alkenyl, alkynyl, etc.; R7, R9 = H; R4R7, R4R9 = (substituted) spirocyclyl; R13 = alkyl, alkenyl, alkynyl, cycloalkyl, etc.; R1R12 = pyrrolidinyl, tetrahydrofuryl, piperidinyl,

- L10 ANSWER 17 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) tetrahydropyranyl; v = 1, 2], were prepd. as modulators of chemokine activity (no data) for preventing asthma and other allergic diseases. Thus, 4-benzyl-1-(3-aminopropyl)piperidine (prepn. given) in THF was Thus, a-memigi-1-daminopropylpperturne [pigm. given] in fir was treated with 3-cyanophenyl lisocyanate to give N-(3-cyanophenyl)-N"-[3-[4-[phenylmethyl]-1-piperidinyl]propyl]urea. A pharmaceutical compn. comprising the compd. I was claimed. [This abstr. record is one of 15 records for this document necessitated by the large no. of index entries required to fully index the document and publication
- system constraints.] 1068474-45-2 1068474-48-5 1068481-34-4 1068482-61-0 1068492-23-8 1068492-29-4 1068510-35-9 1068510-51-9 1068511-49-8 1083539-61-0 1083561-69-6 RL: PRPH (Prophetic)
  - (Preparation of ureidoalkylpiperidines as modulators of chemokine CCR3 receptor activity.)
- 1068474-45-2 CAPLUS
  Urea, N-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)
- 1068474-48-5 CAPLUS
- Urea, N-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

- 1068492-29-4 CAPLUS
- $\begin{tabular}{ll} $\tt Urea, $\tt N-[3-[3-[(4-chloropheny1)methy1]-1-piperidiny1]propy1]-N'-3-pyridiny1- $$ $(CA INDEX NAME)$ \end{tabular}$

- 1068510-35-9 CAPLUS
- $\label{eq:continuous} \textit{Urea, } \mathbb{N}-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-4$ pyridinyl- (CA INDEX NAME)

- 1068510-51-9 CAPLUS
- Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

L10 ANSWER 17 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

- RN 1068481-34-4 CAPLUS
  CN Urea, N-[3-[3-[(2-chloropheny1)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

- $\begin{array}{ll} 1068482-61-0 & CAPLUS \\ Urea, & N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2- \end{array}$ pyridinyl- (CA INDEX NAME)

- 1068492-23-8 CAPLUS
  Urea, N-[3-[3-[(4-chloropheny1)methyl]-1-piperidiny1]propy1]-N'-2-pyridiny1- (CA INDEX NAME) CN

L10 ANSWER 17 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

- RN 1068511-49-8 CAPLUS
- Urea, N-[3-[3-[(4-chloropheny1)methy1]-1-piperidiny1]propy1]-N'-4-pyridiny1- (CA INDEX NAME)

- 1083539-61-0 CAPLUS
- ${\tt Urea, \ N-4-pyridinyl-N'-[3-(4-pyridinylmethyl)-1-piperidinyl]propyl]-1-piperidinyl}$ (CA INDEX NAME)

- RN 1083561-69-6 CAPLUS
- Urea, N-3-pyridinyl-N'-[3-[3-(4-pyridinylmethyl)-1-piperidinyl]propyl]-(CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) O, alkyl, alkenyl, alkynyl, etc.; R4 with R7, R9, or R11 = atoms to form a to, anny, ankeny, ankyny, etc.; Ar with RY, RY, or An i -a clause to local F-7 membered ring; RF = alkyl, alkenyl, alkynyl, etc.; R7, R9 = B; RRT, RMR9 = (substituted) spirocyclyl; R13 = alkyl, alkenyl, alkynyl, cycloalkyl, etc.; R11R12 = pyrrolidinyl, tetrahydrofuryl, piperidinyl, tetrahydropyranyl; v = 1, 2], were prepid. as modulators of chemokine activity (no data) for preventing asthma and other allergic diseases. Thus, 4-benzyl-1-(3-aminopropyl)piperidine (prepn. given) in THF was pharmaceutical compn. comprising the compd. I was claimed. [This abstr. record is one of 15 records for this document necessitated by the large no. of index entries required to fully index the document and publication system constraints.]

1068449-78-4 1068449-79-5 1068475-29-5 1068475-30-8 1068483-88-4 1068483-90-8 1068485-36-8 1068485-40-4 1068495-24-8 1068495-28-2 1068495-29-3 1068505-84-9 1068506-67-1 1068507-04-9 1068507-05-0 1068512-13-9 1068512-14-0 1068512-53-7 1068512-54-8 1068515-81-0 1068516-04-0 1068516-20-0 1068518-24-0 1068518-26-2 1068518-28-4 1068523-85-2 1068524-01-5 1068524-12-8 1068524-22-0 1068524-40-2 1068529-74-7 1068529-99-6 1068530-54-0 1068536-17-3 1068536-81-1 1068537-30-3 1068543-08-7 1068543-65-6 1068543-66-7 1068544-45-5 1068544-47-7 1068550-05-9 1068550-42-4 1068550-78-6 1068550-79-7 1068550-80-0 1068648-47-4 1068648-48-5 1068649-19-3 1068649-21-7 1068650-31-6 1068650-32-7 1068710-10-0 1068710-11-1 1068710-12-2 RL: PRPH (Prophetic)

(Preparation of ureidoalkylpiperidines as modulators of chemokine CCR3 receptor activity.)

1068449-78-4 CAPLUS

Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-3-pyridinyl-

L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:1014703 CAPLUS

DOCUMENT NUMBER: 139:403252

Preparation of ureidoalkylpiperidines as modulators of

chemokine CCR3 receptor activity.

Ko, Soo S.; Delucca, George V.; Duncia, John V.;
Santella, Joseph B., III; Wacker, Dean A. INVENTOR(S): PATENT ASSIGNEE(S):

Bristol-Myers Squibb Pharma Company, USA U.S., 145 pp., Cont.-in-part of U.S. Ser. No. 465,286, SOURCE:

abandoned. CODEN: USXXAM

DOCUMENT TYPE: LANGUAGE: English

PATENT INFORMATION:

GI

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6605623 B1		20030812	US 2000-XA598821	20000621
PRIORITY APPLN. INFO.:			US 1998-112717P	19981218
			US 1999-161243P	19991022
			US 1999-465286	19991217

AB [Title compds. I; M = CH2, CHR5, CHR13, CR13R13, CR5R13; Q = CH2, CHR5, CHR13, CR13R13, CR5R13; J, L = CH2, CHR5, CHR6, CR686, CR5R6; Z = O, S; M = CH2, CHR5, CHR13, CR13R13, CR5R13; K = CHR5, CR5R6; Z = O, S; E = (CHR7)(CHR9)v(CR11R12); R1, R2 = H, alkyl, alkenyl, alkynyl, (substituted) alkylcycloalkyl; R2R3 = atoms to form a (substituted) 5-7 membered ring; R3, R5 = (substituted) (alkyl)cycloalkyl, (alkyl)heterocyclyl; R4 = null,

L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068449-79-5 CAPLUS

 $\label{thm:condition} {\tt Urea, \ N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-n'-2-py$ (CA INDEX NAME)

RN 1068475-29-5 CAPLUS

Urea, N-[2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

1068475-30-8 CAPLUS

Urea, N-[2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

1068483-88-4 CAPLUS

Urea, N=[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068483-90-8 CAPLUS

Urea, N-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068485-36-8 CAPLUS

Urea, N-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068495-29-3 CAPLUS

CN Urea, N-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

RN 1068505-84-9 CAPLUS
CN Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

1068506-67-1 CAPLUS
Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068485-40-4 CAPLUS RN

 $\label{lem:condition} \mbox{Urea, $\mathbb{N}-[2-[3-[(2-chloropheny1)methy1]-1-piperidiny1]ethy1]-$\mathbb{N}'-2-pyridiny1-piperidiny1-p$ (CA INDEX NAME)

RN 1068495-24-8 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068495-28-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068507-04-9 CAPLUS

Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

1068507-05-0 CAPLUS

Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

Urea, N-[3-[3-[(4-fluoropheny1)methy1]-1-piperidiny1]propy1]-N'-2-pyridiny1- (CA INDEX NAME) CN

RN 1068512-14-0 CAPLUS
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3pyridinyl- (CA INDEX NAME)

1068512-53-7 CAPLUS

Orea, N-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME)

1068512-54-8 CAPLUS

Urea, N-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068518-24-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068518-26-2 CAPLUS RN

INDEX NAME NOT YET ASSIGNED

1068518-28-4 CAPLUS

Urea, N=[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068515-81-0 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N^-4-pyridinyl- (CA INDEX NAME)

RN 1068516-04-0 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

CN Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068523-85-2 CAPLUS

CN

RN 1068524-01-5 CAPLUS CN Urea, N-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

Urea, N-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

1068524-22-0 CAPLUS

Urea, N-[2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068524-40-2 CAPLUS

Urea, N-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-3-pyridinyl-(CA INDEX NAME)

L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} & & & \\ &$$

RN 1068536-17-3 CAPLUS

$$\begin{array}{c} \text{N} \\ \text{MeC} \\ \text{CH}_2 \\ \text{CH}_2 \\ \text{CH}_2 \\ \text{N} \end{array}$$

1068536-81-1 CAPLUS

 $\label{thm:condition} \mbox{Urea, $\mathbb{N}-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-$\mathbb{N}'-2-pyridinyl-1-piperidinyl-1$ (CA INDEX NAME)

Urea, N-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-RN CN (CA INDEX NAME)

RN 1068529-99-6 CAPLUS

Urea, N-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068530-54-0 CAPLUS

Urea,  $\mathbb{N}=[2-[4-[(2-\text{fluoropheny1})\text{methyl}]-1-\text{piperidiny1}]$  ethyl]  $-\mathbb{N}$  '-2-pyridinyl-(CA INDEX NAME) CN

L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068543-08-7 CAPLUS

Urea, N-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

RN 1068543-65-6 CAPLUS
CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

1068543-66-7 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068544-45-5 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068544-47-7 CAPLUS

Orea, N=[3-[4-((2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N\*-4-pyridinyl- (CA INDEX NAME)

RN 1068550-05-9 CAPLUS

Urea, N-[2-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]ethy1]-N'-4-pyridiny1-

L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068550-79-7 CAPLUS
CN Urea, N=[3-[4-([4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3pyridinyl- (CA INDEX NAME)

RN 1068550-80-0 CAPLUS

 $\label{thm:condition} {\tt Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-}\\$ pyridinyl- (CA INDEX NAME)

1068648-47-4 CAPLUS Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068648-48-5 CAPLUS

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L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (CA INDEX NAME)

RN 1068550-42-4 CAPLUS

Urea, N-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

 $\begin{array}{lll} {\tt RN} & 1068550-78-6 & {\tt CAPLUS} \\ {\tt CN} & {\tt Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N^*-2-} \end{array}$ pyridinyl- (CA INDEX NAME)

L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068649-19-3 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

1068649-21-7 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068650-31-6 CAPLUS

L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CN Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068650-32-7 CAPLUS
CN Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

1068710-10-0 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT L10 ANSWER 18 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068710-11-1 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068710-12-2 CAPLUS CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N\*-4pyridinyl- (CA INDEX NAME)

REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:1014578 CAPLUS

DOCUMENT NUMBER: 138:411242

TITLE:

INVENTOR(S):

PATENT ASSIGNEE(S):

138:411242
Preparation of N-ureidoalkylpiperidines as modulators of CCR3 chemokine receptor activity for the prevention of asthma and other allergic diseases
Ko, Soo S.; Delucca, George V.; Duncia, John V.; Kim, Ui Tae; Wacker, Dean A.; Zheng, Changsheng
Bristol-Myers Squibb Pharma Company, USA
U.S., 126 pp., Cont.-in-part of U.S. Ser. No. 466,442. SOURCE:

CODEN: USXXAM

DOCUMENT TYPE: Patent LANGUAGE: English
FAMILY ACC. NUM. COUNT: 17
PATENT INFORMATION:

PATENT NO.	KIND	DATE		PLICATION NO.		DATE
				2000-597400		
US 6331541	B1	20011218	US	1999-465288		19991217
US 6444686	B1	20020903	US	1999-466442		19991217
US 6525069	B1	20030225	US	2000-597400		20000621
ZA 2001003756	A	20020509	ZA	2001-3756		20010509
US 20030013741	A1	20030116	US	2001-7172		20011023
US 6521592	B2	20030218				
US 20030114489	A1	20030619	US	2002-180869		20020626
US 6897234	B2	20050524				
US 20040002515	A1	20040101	US	2002-279416		20021024
US 6875776	B2	20050405				
US 20040006107	A1	20040108	US	2002-279231		20021024
US 6780857	B2	20040824				
US 20050096325	A1	20050505	US	2004-983367		20041108
US 20050192291	A1	20050901	US	2004-21042		20041223
PRIORITY APPLN. INFO.:			US	1998-112717P	P	19981218
			US	1999-161221P	P	19991022
			US	1999-466442	A2	19991217
			US	2000-597400	T0	20000621
			US	1999-161137P	P	19991022
			US	1999-161184P	P	19991022
			US	1999-161222P	P	19991022
			US	1999-465287	A3	19991217
			IIS	1999-465288	A3	19991217

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) US 1999-465948 A3 19991217 US 2002-180869 A1 20020626 US 2002-279416 A1 20021024

GI

Title compds. [I; M, Q = CH2, CHR5, CHR13, CR13R13, CR5R13; J, K, L = CH2, CHR5, CHR6, CR6R6, CR5R6;  $\geq 1$  of J, K, L contains R5; Z = O, S, NR1a, CHCN, CHN02, C(CN)2; R1a = H, alkyl, cycloalkyl, CN, N02, etc.; E = (substituted) C3-6 carbocyclyl, methylenecarbocyclyl, ethylenecarbocyclyl, etc.; Rl, R2 = H, alkyl, alkenyl, alkynyl; R3 = (substituted) alkyl, alkenyl, alkynyl; R4 = null, N-oxide, alkyl, alkenyl, alkynyl, cycloalkylalkyl, etc.; R5 = (substituted) alkylenecarbocyclyl, alkylenetetocyclyl; R6 = alkyl, alkenyl, alkynyl, alkylcycloalkyl, perfluoroalkyl, hydroxyalkyl, mercaptoalkyl, aminoalkyl, CN, etc.; R13 = alkyl, alkenyl, alkynyl, cycloalkyl, perfluoroalkyl, aminoalkyl, hydroxyalkyl, carboxyalkyl, mercaptoalkyl, acyloaninoalkyl, (substituted) phenylalkyl, etc.], were prepared as CCR3 modulators (no data). Thus, 4-benzyl-1-(3-aminopropyl)piperidime (preparation given) and 3-cyanophenyl isocyanate were stirred 30 min. in THF to give N-3-cyanophenyl- $N^1$ -[3-[4-(phenylmethyl)-1-piperidinyl]propyl]urea. [This abstract record is one of 8 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]
1068872-95-6 1068873-23-3 1068873-45-9

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

1068873-45-9 CAPLUS

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

(Continued)

1068878-18-1 CAPLUS Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068878-46-5 CAPLUS

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068878-18-1 1068878-46-5 1068881-30-0 1068881-54-8 1068887-73-9 1068889-12-2 1068892-40-9 1068892-54-5 1068892-65-8 1068892-76-1 1068905-26-9 1068907-26-5 1068907-36-7 1068907-73-2 1068910-81-5 1068911-04-5 1068912-12-8 1068912-40-2 1068915-03-6 1068915-16-1 1068915-26-3 1068915-63-8 1068915-77-4 1068916-73-3 1068916-89-1 1068917-18-9 1068917-39-4 1068917-61-2 1068917-76-9 1068918-49-9 1068921-23-2 1068923-15-8 1068923-37-4 1068923-59-0 1068929-96-3 1068930-55-1 1068937-21-2 1068937-82-5 1068938-05-5 1068938-17-9 1068938-28-2 1068938-64-6 1068943-19-0 1068943-30-5 1068943-41-8 1075238-45-7 1075239-77-8 1075241-31-4 1075242-95-3 1075244-05-1 1075245-94-1 1075246-10-4 1075246-42-2 1075249-62-5 RL: PRPH (Prophetic)

(Preparation of N-ureidoalkylpiperidines as modulators of CCR3 chemokine receptor activity for the prevention of asthma and other

allergic diseases)

1068872-95-6 CAPLUS Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068873-23-3 CAPLUS
Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068881-30-0 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068881-54-8 CAPLUS
Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

 $\label{lem:condition} $$ \operatorname{N-[3-[4-[(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-phenylpropy1]-N'-4-pyridiny1- (CA INDEX NAME) $$ $$$ 

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068889-12-2 CAPLUS
CN Urea, N-[3-[4-([4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068892-40-9 CAPLUS RN

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068892-54-5 CAPLUS
Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068907-26-5 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068907-36-7 CAPLUS CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

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L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068892-65-8 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068892-76-1 CAPLUS

RN 1068905-26-9 CAPLUS

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

The No. 1068901-73-2 CAPJUS

CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068910-81-5 CAPLUS
CN Urea, N-[3-[4-[(2-fluoropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068911-04-5 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068912-12-8 CAPLUS

Urea, N=[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068912-40-2 CAPLUS
Urea, N-[3-[4-((2-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4pyridinyl- (CA INDEX NAME)

1068915-03-6 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068915-16-1 CAPLUS

CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068916-73-3 CAPLUS

Urea,  $\mathbb{N}-[3-[3-[(2,4-\text{dichloropheny1})\text{methy1}]-1-\text{piperidiny1}]-2-\text{hydroxy-}1-$ (phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068916-89-1 CAPLUS
Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

Page 101

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068915-26-3 CAPLUS

 $\label{lem:urea} $$ \operatorname{N-[3-[3-[4,4-difluoropheny1]]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-4-pyridiny1- (CA INDEX NAME) $$$ CN

1068915-63-8 CAPLUS

 $\label{lem:continuous} $$ \operatorname{N-[3-[3-[(4-\mathrm{chloropheny1})\mathrm{methy1}]-1-piperidiny1]-2-hydroxy-1-(\mathrm{phenylmethy1})\mathrm{propy1}]-N'-4-pyridiny1- (CA INDEX NAME) $$$ 

RN 1068915-77-4 CAPLUS

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068917-39-4 CAPLUS

Urea, N-[3-[4-[(2,4-dichloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-phenylpropy1]-N'-2-pyridiny1- (CA INDEX NAME)

1068917-61-2 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068917-76-9 CAPLUS

 $\texttt{CN} \qquad \texttt{Urea, N-[3-[4-[(2,4-\texttt{difluorophenyl})methyl]-1-piperidinyl]-1-phenylpropyl]-1-piperidinyll-1-phenylpropyll-1-phenylpropyll-1-phenylp$ 

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) N'-4-pyridinyl- (CA INDEX NAME)

1068918-49-9 CAPLUS

pyridinyl- (CA INDEX NAME)

1068921-23-2 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068923-15-8 CAPLUS

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1060929-96-3 CAPLUS
Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} \text{OH} & \text{CH}_2-\text{Ph} \\ & \text{I} & \text{CH}_2-\text{CH}-\text{CH}-\text{NH}-\text{C}-\text{NH}-\text{NH} \\ & \text{I} & \text{I} & \text{I} \end{array}$$

1068930-55-1 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068937-21-2 CAPLUS

RN 1068937-82-5 CAPLUS

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L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

 $\label{eq:continuous} \mbox{Urea, $\mathbb{N}-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-$\mathbb{N}'-4-$}$ pyridinyl- (CA INDEX NAME)

RN 1068923-37-4 CAPLUS
CN Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]N'-4-pyridinyl- (CA INDEX NAME)

RN 1068923-59-0 CAPLUS

Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2pyridinyl- (CA INDEX NAME)

1068938-05-5 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068938-17-9 CRPLUS
CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2pyridinyl- (CA INDEX NAME)

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

1068938-28-2 CAPLNS Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

RN 1068938-64-6 CAPLUS

 $\label{thm:condition} {\tt Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-3-piperidinyl]-1-phenylpropyll-N'-3-piperidinyll-1-phenylpropyll-N'-3-piperidinyll-1-phenylpropyll-N'-3-piperidinyll-1-phenylpropyll-N'-3-piperidinyll-1-phenylpropyll-N'-3-piperidinyll-1-phenylpropyll-N'-3-piperidinyll-1-phenylpropyll-N'-3-piperidinyll-1-phenylpropyll-N'-3-piperidinyll-1-phenylpropyll-N'-3-piperidinyll-1-phenylpropyll-N'-3-piperidinyll-1-phenylpropyll-N'-3-piperidinyll-1-phenylpropyll-N'-3-piperidinyll-1-phenylpropyll-N'-3-piperidinyll-1-phenylpropyll-N'-3-piperidinyll-1-phenylpropyll-N'-3-piperidinyll-1-phenylpropyll-N'-3-piperidinyll-N$ pyridinyl- (CA INDEX NAME)

1068943-19-0 CAPLUS

Orea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[1-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1075239-77-8 CAPLUS

Urea, N-[1-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1075241-31-4 CAPLUS

| Orea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

 $\label{eq:continuous} \mbox{Urea, $\mathbb{N}-[1-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-piperidinyl]=1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1$ 

#### Page 103

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068943-30-5 CAPLUS

 $\label{eq:continuity} $$ Urea, N=[3-[4-(1/2,4-dichloropheny1)methy1]-1-piperidiny1]-1-pheny1propy1]-N'-2-pyridiny1- (CA INDEX NAME) $$$ CN

 $\label{local-prop} 1068943-41-8 \quad {\tt CAPLUS} \\ {\tt Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-} \\$ 2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 19 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1075244-05-1 CAPLUS
CN Urea, N-[1-[1-hydroxy-2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1075245-94-1 CAPLUS

Urea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN

1075246-10-4 CAPLUS
Urea, N-[1-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1075246-42-2 CAPLUS
Urea, N-[1-[1-hydroxy-2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1075249-62-5 CAPLUS

Urea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

US 2002-279416

A1 20021024

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) US 1999-161184P P 19991022 P 19991022 A3 19991217 US 1999-161222P US 1999-465287 US 1999-465288 A3 19991217 IIS 1999-465948 A3 19991217 US 2002-180869 A1 20020626

GI

Title compds. [I; M, Q = CH2, CHR5, CHR13, CR13R13, CR5R13; J, K, L = CH2, CHR5, CHR6, CR6R6, CR5R6;  $\geq$ 1 of J, K, L contains R5; Z = O, S, NR1a, CHCN, CHNO2, C(CN)2; R1a = H, alkyl, cycloalkyl, CN, NO2, etc.; E = (substituted) C3-6 carbocyclyl, methylenecarbocyclyl, ethylenecarbocyclyl, etc.; Ri, R2 = H, alkyl, alkenyl, alkynyl; R3 = (substituted) alkyl, alkenyl, alkenyl, alkenyl, alkenyl, alkynyl; cycloalkylalkyl, etc.; R5 = (substituted) alkylenecarbocyclyl, alkyleneheterocyclyl; R6 = alkyl, alkenyl, alkynyl, alkylcycloalkyl, perfluoroalkyl, hydroxyalkyl, mercaptoalkyl, aminoalkyl, CN, etc.; R13 = alkyl, alkenyl, alkynyl, cycloalkyl, perfluoroalkyl, aminoalkyl, hydroxyalkyl, carboxyalkyl, mercaptoalkyl, acylaminoalkyl, (substituted) phenylalkyl, etc.], were prepared as CCR3 modulators (no data). Thus, 4-benzyl-1-(3-aminopropyl)piperidine (preparation given) and 3-cyanophenyl isocyanate were stirred 30 min. in THF to give N-3-cyanophenyl-N'-[3-[4-(phenylmethyl)-1-piperidinyl]propyl]urea. [This abstract record is one of 8 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.] 1068806-54-1 1068806-55-2 1068806-56-3

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:1014577 CAPLUS

DOCUMENT NUMBER: 138:411241

Preparation of N-ureidoalkylpiperidines as modulators

of CCR3 chemokine receptor activity for the prevention of asthma and other allergic diseases

INVENTOR(S): Ko, Soo S.; Delucca, George V.; Duncia, John V.; Kim,

Ui Tae; Wacker, Dean A.; Zheng, Changsheng Bristol-Myers Squibb Pharma Company, USA PATENT ASSIGNEE(S):

SOURCE: U.S., 126 pp., Cont.-in-part of U.S. Ser. No. 466,442. CODEN: USXXAM

LANGUAGE: English FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

DOCUMENT TYPE:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE		
US 6525069	B1	20030225	US 2000-597400		20000621		
US 6331541	B1	20011218	US 1999-465288		19991217		
US 6444686	B1	20020903	US 1999-466442		19991217		
US 6525069	B1	20030225	US 2000-597400		20000621		
ZA 2001003756	A	20020509	ZA 2001-3756		20010509		
US 20030013741	A1	20030116	US 2001-7172		20011023		
US 6521592	B2	20030218					
US 20030114489	A1	20030619	US 2002-180869		20020626		
US 6897234	B2	20050524					
US 20040002515	A1	20040101	US 2002-279416		20021024		
US 6875776	B2	20050405					
US 20040006107	A1	20040108	US 2002-279231		20021024		
US 6780857	B2	20040824					
US 20050096325	A1	20050505	US 2004-983367		20041108		
US 20050192291	A1	20050901	US 2004-21042		20041223		
PRIORITY APPLN. INFO.:			US 1998-112717P	P	19981218		
			US 1999-161221P	P	19991022		
			US 1999-466442	A2	19991217		
			US 2000-597400	T0	20000621		
			US 1999-161137P	P	19991022		

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068807-87-3 1068809-13-1 1068811-36-8 1068811-37-9 1068811-93-7 1068811-94-8 1068811-95-9 1068813-17-1 1068813-18-2 1068814-75-4 1068814-76-5 1068816-66-9 1068816-67-0 1068817-20-8 1068817-21-9 1068817-22-0 1068818-24-5 1068818-25-6 1068820-27-8 1068821-75-9 1068821-76-0 1068822-32-1 1068822-33-2 1068822-34-3 1068822-61-6 1068822-62-7 1068823-44-8 1068827-49-5 1068830-08-9 1068830-09-0 1068832-27-8 1068834-46-7 1068834-48-9 1068835-49-3 1068835-50-6 1068836-21-4 1068836-22-5 1068836-71-4 1068836-72-5 1068838-67-4 1068838-68-5 1068838-69-6 1068841-09-7 1068841-10-0 1068845-00-0 1068845-01-1 1068845-22-6 1068845-23-7 1068845-24-8 1068847-61-9 1068850-53-2 1068850-54-3 1068850-66-7 1068851-18-2 1068851-44-4 1068852-37-8 1068852-38-9 1068854-65-8 1068854-87-4 1068855-40-2 1068855-41-3 1068857-11-3 1068857-13-5 1068859-01-7 1068859-61-9 1068859-62-0 1068859-63-1 1068859-96-0 1068861-51-7 1068861-52-8 1068862-23-6 1068862-24-7 1068863-09-1 1068863-10-4 1068866-47-6 1068866-48-7 1068866-49-8 1071473-57-8 1071473-79-4 1071474-30-0 1071493-27-0 1071494-42-2 1071515-69-9 1071516-11-4 1071765-99-5 1071766-00-1 1071766-01-2 1071782-22-3 1071782-24-5 1071790-81-2 1071790-85-6 1071793-79-7 1071793-80-0 1072442-93-3 1072443-00-5 1072443-01-6 1072451-14-9 1072451-17-2 1072456-32-6 1072456-33-7 RL: PRPH (Prophetic)

(Preparation of N-ureidoalkylpiperidines as modulators of CCR3 chemokine receptor activity for the prevention of asthma and other allergic diseases)

1068806-54-1 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068806-55-2 CAPLUS
CN Urea, N-[3-[4-(14-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068806-56-3 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068811-37-9 CAPLUS
CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068811-93-7 CAPLUS

Urea, N-[3-[4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} \text{OH Me} & \text{O} \\ & & \text{II} \\ \text{CH}_2-\text{CH}-\text{CH}-\text{NH}-\text{C}-\text{NH}-\text{II} \\ \end{array}$$

1068811-94-8 CAPLUS Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068811-95-9 CAPLUS
Urea, N-[3-[3-[(4-fluoropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068807-87-3 CRPLNS
CN Urea, N-[3-[3-[(2,4-difluoropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068809-13-1 CAPLUS
Urea, N-[3-[3-[(2,4-difluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-2-pyridiny1- (CA INDEX NAME)

RN 1068811-36-8 CAPLUS
CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068813-17-1 CAPLUS

Urea, N-[3-[4-((2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068813-18-2 CAPLUS
CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068814-75-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

1068814-76-5 CAPLUS

INDEX NAME NOT YET ASSIGNED

1068816-66-9 CAPLUS
Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068816-67-0 CAPLUS

CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068817-22-0 CAPLUS
Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068818-24-5 CAPLUS INDEX NAME NOT YET ASSIGNED

1068818-25-6 CAPLUS

INDEX NAME NOT YET ASSIGNED

 ${\tt CN \qquad Urea, \ N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-left of the control of t$ 

## Page 106

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)  $(\texttt{phenylmethyl}) \, \texttt{propyl}] \, \text{-} \mathbb{N}^{\, \text{!`}} \, \text{-} 4 \text{-} \texttt{pyridinyl-} \quad (\texttt{CA INDEX NAME})$ 

RN 1068817-20-8 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

1068817-21-9 CAPLUS
Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 2-pyridinyl- (CA INDEX NAME)

RN 1068821-75-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068821-76-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068822-32-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068822-33-2 CAPLUS

INDEX NAME NOT YET ASSIGNED CN

1068822-34-3 CAPLUS

INDEX NAME NOT YET ASSIGNED

1068822-61-6 CAPLUS
Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[4-(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068830-08-9 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN 1068830-09-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068832-27-8 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

Page 107

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068822-62-7 CAPLUS
CN Urea, N-[3-[4-[(2,4-dichloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]N'-4-pyridiny1- (CA INDEX NAME)

RN

1068823-44-8 CAPLUS Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068834-46-7 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068834-48-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068835-49-3 CAPLUS Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068835-50-6 CAPLUS

Urea, N-[3-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-4-pyridiny1- (CA INDEX NAME)

RN 1068836-21-4 CAPLUS

2-pyridinyl- (CA INDEX NAME)

RN 1068836-22-5 CAPLUS

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068838-68-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068838-69-6 CAPLUS

INDEX NAME NOT YET ASSIGNED

1068841-09-7 CAPLUS

Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'4-pyridinyl- (CA INDEX NAME)

RN 1068836-71-4 CAPLUS
CN Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyxidinyl- (CA INDEX NAME)

RN 1068838-67-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068841-10-0 CRPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068845-00-0 CAPLUS
CN Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

1068845-22-6 CAPLUS

 $\label{eq:continuous} \mbox{Urea, $\mathbb{N}-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]} \label{eq:continuous}$ phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068845-23-7 CAPLUS RN

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068845-24-8 CAPLUS

CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

| RN | 1068850-54-3 | CAPLUS | CN | Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'- | 2-pyridinyl- (CA INDEX NAME)

RN 1068850-66-7 CAPLUS

 $\label{eq:continuity} \textbf{Urea, } \mathbb{N}-[3-[4-[(2-\text{chloropheny1})\text{methy1}]-1-\text{piperidiny1}]-2-\text{hydroxypropy1}]-\mathbb{N}^4-[(2-\text{chloropheny1})\text{methy1}]-1-\mathbb{N}^4-[(2-\text$ 2-pyridinyl- (CA INDEX NAME)

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068847-61-9 CAPLUS
CN Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'4-pyridinyl- (CA INDEX NAME)

RN CN

1068850-53-2 CAPLUS
Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-3-pyridinyl- (CA INDEX NAME)

$$\mathsf{CH}_2 = \mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{NH} - \mathsf{C} - \mathsf{NH} - \mathsf{C} - \mathsf{NH}$$

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068851-44-4 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068852-37-8 CAPLUS
CN Urea, N-[3-[3-[(2,4-difluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-phenylpropy1]-N'-2-pyridiny1- (CA INDEX NAME) CN

RM 1068852-38-9 CAPLUS
CN Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

1068854-65-8 CAPLUS

 ${\tt Urea, \ N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyllorophenyl)}$ (phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068854-87-4 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068855-40-2 CAPLUS

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068859-01-7 CAPLUS

 $\begin{tabular}{ll} Urea, $N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-2-pyridinyl--(CA INDEX NAME) \\ \end{tabular}$ 

1068859-61-9 CAPLUS

 $\label{eq:continuous} \mbox{Urea, } \mbox{N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-}$ phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068859-62-0 CAPLUS
Urea, N-[3-[3-[(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CN Urea, N-[3-[3-[(2-flworophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068855-41-3 CAPLUS
CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068857-11-3 CAPLUS

 $\label{lem:neq:lem:n$ CN

RN 1068857-13-5 CAPLUS

CN Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068859-63-1 CAPLUS

Urea, N-[3-[3-[(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-phenylpropy1]-N'-4-pyridiny1- (CA INDEX NAME) CN

RN 1068859-96-0 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068861-51-7 CAPLUS
Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

1068861-52-8 CAPLUS

 ${\tt Urea, \ N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyllorophenyl)}$ methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068862-23-6 CAPLUS Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068862-24-7 CAPLUS

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

- L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

 $\label{locality} $$106886-48-7$ $$ CAPLUS$ $$Urea, $N-[3-[3-[(4-chloropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)$ 

1068866-49-8 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

 ${\tt CN \qquad Urea, \ N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-piperidinyl]-1-hydroxyethyl]-3-piperidinyll-1-hydroxyethyll-3-piperidinyll-3-piperidin$ 

#### Page 111

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068863-09-1 CAPLUS
CN Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN

1068863-10-4 CAPLUS
Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1071473-79-4 CAPLUS

Urea, N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

1071474-30-0 CAPLUS

Urea, N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1071493-27-0 CAPLUS

Urea, N-[1-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1071494-42-2 CAPLUS CN Urea, N-[1-[2-[4-((2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1071515-69-9 CAPLUS

 $\label{lem:condition} $$ \operatorname{N-[1-[2-[4-((2,4-\operatorname{difluoropheny1})\operatorname{methy1}]-1-\operatorname{piperidiny1}]-1-hydroxyethy1]-3-\operatorname{methy1buty1}-N'-2-pyridiny1- (CA INDEX NAME) $$$ 

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1071766-01-2 CAPLUS

 $\begin{tabular}{ll} Urea, $N-[1-[2-[4-[(4-chloropheny1)methy1]-1-piperidiny1]-1-hydroxyethy1]-3-methylbuty1]-N'-4-pyridiny1- (CA INDEX NAME) \\ \end{tabular}$ 

RN 1071782-22-3 CAPLUS CN Urea, N-[1-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1071782-24-5 CAPLUS

Urea, N-[1-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1071516-11-4 CAPLUS
CN Urea, N-[1-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1071765-99-5 CAPLUS
CN Urea, N-[1-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl (CA INDEX NAME)

1071766-00-1 CAPLUS

Urea, N-[1-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1071790-81-2 CAPLUS
CN Urea, N-[1-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1071790-85-6 CAPLUS

Urea, N-[1-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1071793-79-7 CAPLUS

Urea, N-[1-[1-hydroxy-2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1071793-80-0 CAPLUS

Urea, N-[1-[1-hydroxy-2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-1-piperidinyl] = Invariance = Invariance3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1072442-93-3 CAPLUS RN

methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

 $\begin{array}{lll} 1072443-00-5 & CAPLUS \\ Urea, & N-[1-[2-(3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- & (CA INDEX NAME) \\ \end{array}$ 

L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1072456-32-6 CAPLUS

 $\label{eq:continuity} $$ Urea, $N-[1-[2-[3-[(2,4-difluoropheny1)methy1]-1-piperidiny1]-1-hydroxyethy1]-3-methylbuty1]-N'-2-pyridiny1- (CA INDEX NAME)$ 

Urea, N-[1-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT L10 ANSWER 20 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1072443-01-6 CAPLUS

CN  $\label{thm:condition} {\tt Urea, N-[1-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-hydroxyethyll[3-hydroxyethyl]-3-hydroxyethyll[3-hydroxyethyll]-3-hyd$ methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1072451-14-9 CAPLUS
Urea, N-[1-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1072451-17-2 CAPLUS

Urea, N-[1-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:1014576 CAPLUS

DOCUMENT NUMBER: 138:411240

Preparation of N-ureidoalkylpiperidines as modulators of CCR3 chemokine receptor activity for the prevention TITLE:

of asthma and other allergic diseases Ko, Soo S.; Delucca, George V.; Duncia, John V.; Kim, Ui Tae; Wacker, Dean A.; Zheng, Changsheng INVENTOR(S):

PATENT ASSIGNEE(S): Bristol-Myers Squibb Pharma Company, USA U.S., 126 pp., Cont.-in-part of U.S. Ser. No. 466,442.

SOURCE: CODEN: USXXAM

Patent

DOCUMENT TYPE: English

LANGUAGE: End FAMILY ACC. NUM. COUNT: 17

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 6525069	B1	20030225	US 2000-597400		20000621
US 6331541	B1	20011218	US 1999-465288		19991217
US 6444686	B1	20020903	US 1999-466442		19991217
US 6525069	B1	20030225	US 2000-597400		20000621
ZA 2001003756	A	20020509	ZA 2001-3756		20010509
US 20030013741	A1	20030116	US 2001-7172		20011023
US 6521592	B2	20030218			
US 20030114489	A1	20030619	US 2002-180869		20020626
US 6897234	B2	20050524			
US 20040002515	A1	20040101	US 2002-279416		20021024
US 6875776	B2	20050405			
US 20040006107	A1	20040108	US 2002-279231		20021024
US 6780857	B2	20040824			
US 20050096325	A1	20050505	US 2004-983367		20041108
US 20050192291	A1	20050901	US 2004-21042		20041223
IORITY APPLN. INFO.:			US 1998-112717P	P	19981218
			US 1999-161221P	P	19991022
			US 1999-466442	A2	19991217
			US 2000-597400	T0	20000621
			US 1999-161137P	P	19991022
			US 1999-161184P	P	19991022
			US 1999-161222P	P	19991022
			US 1999-465287	A3	19991217
			US 1999-465288	A3	19991217

(Continued)

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) US 1999-465948 A3 19991217 US 2002-180869 A1 20020626 US 2002-279416 A1 20021024

GI

Title compds. [I; M, Q = CH2, CHR5, CHR13, CR13R13, CR5R13; J, K, L = CH2, CHR5, CHR6, CR6R6, CR5R6;  $\geq$ 1 of J, K, L contains R5; Z = O, S, NR1a, CHCN, CHN02, C(CN)2; R1a = H, alkyl, cycloalkyl, CN, N02, etc.; E = (substituted) C3-6 carbocyclyl, methylenecarbocyclyl, ethylenecarbocyclyl, etc.; R1, R2 = H, alkyl, alkenyl, alkynyl; R3 = (substituted) alkyl, alkenyl, alkynyl; R4 = null, N-oxide, alkyl, alkenyl, alkynyl, cycloalkylalkyl, etc.; R5 = (substituted) alkylenecarbocyclyl, alkyleneheterocyclyl; R6 = alkyl, alkenyl, alkynyl, alkylcycloalkyl, perfluoroalkyl, hydroxyalkyl, mercaptoalkyl, aminoalkyl, ON, etc. R13 = alkyl, alkenyl, alkynyl, cycloalkyl, perfluoroalkyl, aminoalkyl, hydroxyalkyl, carboxyalkyl, mercaptoalkyl, acylaminoalkyl, (substituted) phenylalkyl, etc.], were prepared as CCR3 modulators (no data). Thus, 4-benzyl-1-(3-aminopropyl)piperidine (preparation given) and 3-cyanophenyl isocyanate were stirred 30 min. in THF to give N-3-cyanophenyl-N'-[3-[4-(phenylmethyl)-1-piperidinyl]propyl]urea. [This abstract record is one of 8 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

1068717-17-8 1068720-32-0 1068720-33-1 1068721-27-6 1068721-28-7 1068722-92-8 1068725-40-5 1068725-41-6 1068731-10-1

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

1068720-33-1 CAPLUS

 $\label{lem:update} $$ Urea, N-[3-[4-[(2,4-dichloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N^-2-pyridiny1- (CA INDEX NAME)$ 

1068721-27-6 CAPLUS

 $\begin{tabular}{lll} Urea, $N-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-2-pyridiny1- (CA INDEX NAME) \\ \end{tabular}$ 

RN 1068721-28-7 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

Page 114

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068731-11-2 1068731-43-0 1068731-44-1 1068734-88-2 1068734-89-3 1068735-83-0 1068735-84-1 1068736-62-8 1068736-64-0 1068738-32-8 1068738-82-8 1068739-23-0 1068739-24-1 1068739-64-9 1068739-65-0 1068741-85-4 1068744-83-1 1068744-84-2 1068747-30-7 1068748-24-2 1068748-25-3 1068748-64-0 1068748-65-1 1068748-95-7 1068748-97-9 1068749-57-4 1068749-58-5 1068749-90-5 1068749-91-6 1068750-82-2 1068753-30-9 1068753-31-0 1068758-94-0 1068758-95-1 1068762-34-4 1068762-74-2 1068762-75-3 1068799-73-4 1068799-74-5 RL: PRPH (Prophetic) (Preparation of N-ureidoalkylpiperidines as modulators of CCR3

chemokine receptor activity for the prevention of asthma and other allergic diseases) 1068717-17-8 CAPLUS

INDEX NAME NOT YET ASSIGNED

1068720-32-0 CAPLUS
Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068722-92-8 CAPLUS

INDEX NAME NOT YET ASSIGNED

1068725-40-5 CAPLUS RN

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

 $\label{lem:condition} $$ \operatorname{N-[3-[4-[(4-\mathrm{chloropheny1})\mathrm{methy1}]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-4-pyridiny1- (CA INDEX NAME) $$$ 

RN 1068731-10-1 CAPLUS
CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN

1068731-11-2 CAPLUS
Urea, N-[3-[4-[(2-£luorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068731-43-0 CAPLUS
Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N\*-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN CN INDEX NAME NOT YET ASSIGNED (Continued)

1068735-83-0 CAPLUS

INDEX NAME NOT YET ASSIGNED

1068735-84-1 CAPLUS INDEX NAME NOT YET ASSIGNED

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068731-44-1 CAPLUS
CN Urea, N-[3-[4-[(2,4-difluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methy1propy1]-N'-4-pyridiny1- (CA INDEX NAME)

RN

1068734-88-2 CAPLUS INDEX NAME NOT YET ASSIGNED

RN 1068734-89-3 CAPLUS

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068736-64-0 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068738-32-8 CAPLUS
CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{OH Me} \\ \text{N-} \\ \text{CH}_2 - \text{CH-} \\ \text{CH-} \\ \text{N-} \\ \text{CH}_2 \end{array}$$

RN 1068738-82-8 CAPLUS

Wrea, N-[3-[3-[4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{OH} \\ \text{OH} \\ \text{CH}_2 - \text{CH} - \text{CH}_2 - \text{NH} - \text{C} - \text{NH} - \text{NH} \\ \end{array}$$

RN 1068739-23-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068739-24-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068739-64-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068744-84-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068747-30-7 CAPLUS
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'2-pyxidinyl- (CA INDEX NAME)

RN 1068748-24-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068739-65-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068741-85-4 CAPLUS
CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068744-83-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068748-25-3 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-64-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-65-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

## 06/05/2009

#### 10-573,516-1.trn

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

1068748-95-7 CAPLUS Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068748-97-9 CAPLUS

Nuca, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068749-57-4 CAPLUS

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068750-82-2 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068753-30-9 CAPLUS

Urea, N-[3-[3-(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-3-pyridiny1- (CA INDEX NAME)

 $\label{eq:continuity} $$ \operatorname{N-[3-[3-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-4-pyridiny1- (CA INDEX NAME) $$$ 

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 106879-58-5 CAPLUS
CN Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} \text{CH}_2 & \text{OH} & \text{OH} \\ \text{CH}_2 - \text{CH} - \text{CH}_2 - \text{NH} - \text{C} - \text{NH} \\ \text{C1} & \text{NH} \end{array}$$

RN 1068749-90-5 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]N'-2-pyridinyl- (CA INDEX NAME)

RN 1068749-91-6 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]N'-4-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c} \text{Cl} \\ \text{CH}_2 \\ \text{CH}_3 \\ \text{CH}_4 \\ \text{CH}_4 \\ \text{CH}_5 \\ \text{CH}_5 \\ \text{CH}_6 \\$$

RN 1068758-94-0 CAPLUS

Urea, N-[3-[3-[4,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068758-95-1 CAPLUS
Urea, N-[3-[3-[(2,4-difluoropheny1)methyl]-1-piperidinyl]-2-hydroxypropyl]-N\*-4-pyridinyl- (CA INDEX NAME)

RN 1068762-34-4 CAPLUS CN Urea, N-[3-[3-[(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

1068762-74-2 CAPLUS Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068762-75-3 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} F & \text{OH} & \text{O} \\ \hline \\ \text{CH}_2 & \text{NH} - \text{CH}_2 - \text{CH} - \text{CH}_2 - \text{NH} - \text{C} - \text{NH} \\ \end{array}$$

1068799-73-4 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 22 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 2003:1014575 CAPLUS

DOCUMENT NUMBER: 138:411239

Preparation of N-ureidoalkylpiperidines as modulators TITLE:

of CCR3 chemokine receptor activity for the prevention

of asthma and other allergic diseases Ko, Soo S.; Delucca, George V.; Duncia, John V.; Kim, INVENTOR(S):

Ui Tae; Wacker, Dean A.; Zheng, Changsheng

PATENT ASSIGNEE(S): Bristol-Myers Squibb Pharma Company, USA U.S., 126 pp., Cont.-in-part of U.S. Ser. No. 466,442. SOURCE:

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: FAMILY ACC. NUM. COUNT: English

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 6525069	B1	20030225	US 2000-597400		20000621
US 6331541	B1	20011218	US 1999-465288		19991217
US 6444686	B1	20020903	US 1999-466442		19991217
US 6525069	B1	20030225	US 2000-597400		20000621
ZA 2001003756	A	20020509	ZA 2001-3756		20010509
US 20030013741	A1	20030116	US 2001-7172		20011023
US 6521592	B2	20030218			
US 20030114489	A1	20030619	US 2002-180869		20020626
US 6897234	B2	20050524			
US 20040002515	A1	20040101	US 2002-279416		20021024
US 6875776	B2	20050405			
US 20040006107	A1	20040108	US 2002-279231		20021024
US 6780857	B2	20040824			
US 20050096325	A1	20050505	US 2004-983367		20041108
US 20050192291	A1	20050901	US 2004-21042		20041223
PRIORITY APPLN. INFO.:			US 1998-112717P	P	19981218
			US 1999-161221P	P	19991022
			US 1999-466442	A2	19991217
			US 2000-597400	T0	20000621
			US 1999-161137P	P	19991022
			US 1999-161184P	P	19991022
			US 1999-161222P	P	19991022
			US 1999-465287	A3	19991217
			US 1999-465288	A3	19991217

L10 ANSWER 21 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068799-74-5 CAPLUS
CN Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 22 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) US 1999-465948 A3 19991217 US 2002-180869 A1 20020626 US 2002-279416 A1 20021024

GΙ

AB Title compds. [I; M, Q = CH2, CHR5, CHR13, CR13R13, CR5R13; J, K, L = CH2, Title compds. [I, M, Q = CR2, CR85, CRR37, CR13R13, CR5R13, J, K, L = CR2, CRR5, CRR6, CR6R6, CR5R6; 21 of J, K, L contains R5; Z = 0, S, NR1a, CRCN, CRM02, C(CN)2; Ria = H, alkyl, cycloalkyl, CN, N02, etc.; E = (substituted) C3-6 carbocyclyl, nethylenecarbocyclyl, ethylenecarbocyclyl, etc.; R1, R2 = H, alkyl, alkenyl, alkynyl; R3 = (substituted) alkyl, alkenyl, alkynyl; R4 = null, N-oxide, alkyl, alkenyl, alkynyl, cycloalkylalkyl, etc.; R5 = (substituted) alkylenecarbocyclyl, alkyleneheterocyclyl; R6 = alkyl, alkenyl, alkynyl, alkylcycloalkyl, perfluoralkyl, Nytoxyalkyl, mercaptoalkyl, aninoalkyl, CN, etc.; R13 = alkyl, alkenyl, alkynyl, alky alkyl, alkenyl, alkynyl, cycloalkyl, perfluoroalkyl, aminoalkyl, hydroxyalkyl, carboxyalkyl, mercaptoalkyl, acylaminoalkyl, (substituted) phenylakkyl, etc.], were prepared as CSS modulators, (no data). Thus, 4-benzyl-1-(3-aminopropyl)piperidine (preparation given) and 3-cyanophenyl isocyanate were stirred 30 min. in THF to give N-3-cyanophenyl-N'-[3-[4-(phenylmethyl)-1-piperidinyl]propyl]urea. [This abstract record is one of 8 records for this document necessitated by the large number of index entries required to fully index the document and

publication system constraints.] 1068648-47-4 1068648-48-5 1068649-19-3 1068649-21-7 1068650-31-6 1068650-32-7 1068710-10-0 1068710-11-1 1068710-12-2

RL: PRPH (Prophetic)

(Preparation of N-ureidoalkylpiperidines as modulators of CCR3 chemokine receptor activity for the prevention of asthma and other allergic diseases)

RN 1068648-47-4 CAPLUS
CN Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{MeO} \\ \text{CH}_2 \end{array} \\ \text{N} \begin{array}{c} \text{CH}_2 \\ \text{N} \end{array} \\ \text{N} \begin{array}{c} \text{O} \\ \text{N} \end{array} \\ \text{N} \end{array}$$

1068648-48-5 CAPLUS Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068649-19-3 CAPLUS

L10 ANSWER 22 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068650-32-7 CAPLUS
CN Urea, N-[3-[4-([2-chlorophenyl]methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

1068710-10-0 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068710-11-1 CAPLUS
CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-3pyridinyl- (CA INDEX NAME)

Page 119

L10 ANSWER 22 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068649-21-7 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN 1060850-31-6 CAPLUS
CN Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

L10 ANSWER 22 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

N 1068710-12-2 CAPUS
CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 2003:1014574 CAPLUS

138:411238 DOCUMENT NUMBER:

Preparation of N-ureidoalkylpiperidines as modulators

of CCR3 chemokine receptor activity for the prevention of asthma and other allergic diseases

Or asthma and other altergot diseases Ko, Soo S.; Delucca, George V.; Duncia, John V.; Kim, Ui Tae; Wacker, Dean A.; Zheng, Changsheng Bristol-Myers Squibb Pharma Company, USA INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE:

U.S., 126 pp., Cont.-in-part of U.S. Ser. No. 466,442. CODEN: USXXAM

DOCUMENT TYPE: Patent LANGUAGE: English FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PAT	TENT NO.	KIND	DATE	AP:	PLICATION NO.		DATE
US	6525069	B1	20030225	US	2000-597400	-	20000621
US	6331541	B1	20011218	US	1999-465288		19991217
US	6444686	B1	20020903	US	1999-466442		19991217
US	6525069	B1	20030225	US	2000-597400		20000621
ZA	2001003756	A	20020509	ZA	2001-3756		20010509
US	20030013741	A1	20030116	US	2001-7172		20011023
US	6521592	B2	20030218				
US	20030114489	A1	20030619	US	2002-180869		20020626
US	6897234	B2	20050524				
US	20040002515	A1	20040101	US	2002-279416		20021024
US	6875776	B2	20050405				
US	20040006107	A1	20040108	US	2002-279231		20021024
US	6780857	B2	20040824				
US	20050096325	A1	20050505	US	2004-983367		20041108
US	20050192291	A1	20050901	US	2004-21042		20041223
PRIORITY	APPLN. INFO.:			US	1998-112717P	P	19981218
				US	1999-161221P	P	19991022
				US	1999-466442	A2	19991217
				US	2000-597400	T0	20000621
				US	1999-161137P	P	19991022

L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) abstr. record is one of 8 records for this document necessitated by the large no. of index entries required to fully index the document and publication system constraints.]

1068449-78-4 1068449-79-5 1068474-45-2 1068474-48-5 1068475-29-5 1068475-30-8

1068481-34-4 1068482-61-0 1068483-88-4

1068483-90-8 1068485-36-8 1068485-40-4 1068492-23-8 1068492-29-4 1068495-24-8

1068495-28-2 1068495-29-3 1068505-84-9 1068506-67-1 1068507-04-9 1068507-05-0

1068510-35-9 1068510-51-9 1068511-49-8 1068512-13-9 1068512-14-0 1068512-53-7 1068512-54-8 1068515-81-0 1068516-04-0

1068516-20-0 1068518-24-0 1068518-26-2

1068518-28-4 1068523-85-2 1068524-01-5 1068524-12-8 1068524-22-0 1068524-40-2 1068529-74-7 1068529-99-6 1068530-54-0

1008536-17-3 1008536-81-1 1008537-30-3 1008536-17-3 1008536-81-1 1008537-30-3 1008543-08-7 1008543-65-6 10085543-66-7 1008544-45-5 1008544-47-7 1008550-05-9 1008550-42-4 1008550-78-6 1008550-79-7

RL: PRPH (Prophetic)
(Preparation of N-ureidoalkylpiperidines as modulators of CCR3 chemokine receptor activity for the prevention of asthma and other

allergic diseases) 1068449-78-4 CAPLUS

 $\label{eq:continuous} \mbox{Urea, } \mathbb{N}-[2-[4-[(4-{\tt fluoropheny1})\,{\tt methy1}]-1-{\tt piperidiny1}]\,{\tt ethy1}]\,-\mathbb{N}\,'-3-{\tt pyridiny1}-1-{\tt piperidiny2}]\,.$ (CA INDEX NAME)

RN 1068449-79-5 CAPLUS

Page 120

L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) US 1999-161184P P 19991022 P 19991022 US 1999-161222P US 1999-465288 A3 19991217 US 1999-465948 A3 19991217 US 2002-180869 A1 20020626 US 2002-279416 A1 20021024

GI

AB Title compds. [I; M, Q = CH2, CHR5, CHR13, CR13R13, CR5R13; J, K, L = CH2, CHR5, CHR6, CR6R6, CR5R6; ≥1 of J, K, L contains R5; Z = O, S, NR1a, CHCN, CHN02, C(CN)2; R1a = H, alkyl, cycloalkyl, CN, N02, etc.; E = (substituted) C3-6 carbocyclyl, methylenecarbocyclyl, ethylenecarbocyclyl, etc.; R1, R2 = H, alkyl, alkeyl, alkynyl; R3 = (substituted) alkyl, alkeyl, alkynyl; R4 = mull N ovide, alkyl, alkenyl, alkynyl; R4 = null, N-oxide, alkyl, alkenyl, alkynyl, cycloalkylalkyl, etc.; R5 = (substituted) alkylenecarbocyclyl, alkyleneheterocyclyl; R6 = alkyl, alkenyl, alkynyl, alkylcycloalkyl, perfluoroalkyl, hydroxyalkyl, mercaptoalkyl, aminoalkyl, (Ch, etc.; R13 = alkyl, alkenyl, alkynyl, cycloalkyl, perfluoroalkyl, aminoalkyl, hydroxyalkyl, carboxyalkyl, mercaptoalkyl, acylaminoalkyl, (substituted) phenylalkyl, etc.], were prepared as CCR3 modulators (no data). Thus, 4-benzyl-1-(3-aminopropyl)piperidine (preparation given) and 3-cyanophenyl isocyanate were stirred 30 min. in THF to give N-3-cyanophenyl-N'-[3-[4-(phenylmethyl)-1-piperidinyl]propyl]urea. [This

L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-

1068474-45-2 CAPLUS

(CA INDEX NAME)

Urea, N-[3-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068474-48-5 CAPLUS
Urea, N-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

1068475-29-5 CAPLUS

Urea, N-[2-[3-[(3-methoxypheny1)methy1]-1-piperidiny1]ethy1]-N'-2-pyridiny1- (CA INDEX NAME)

$$\begin{array}{c|c} \text{MeO} & & & \\ \hline \\ \text{CH}_2 & \text{CH}_2 - \text{CH}_2 - \text{NH} - \text{C} - \text{NH} - \text{C} - \text{NH} \\ \hline \\ \text{N} & & \\ \end{array}$$

RN 1068475-30-8 CAPLUS
CN Urea, N-[2-[3-((3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

$$\mathsf{Meo} \qquad \qquad \mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{NH} - \mathsf{C} - \mathsf{NH}$$

1068481-34-4 CAPLUS

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068482-61-0 CAPLUS

L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068495-40-4 CAPLUS
CN Urea, N-[2-[3-[(2-chloropheny1)methy1]-1-piperidiny1]ethy1]-N'-2-pyridiny1-(CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ \end{array}$$

RN 1068492-23-8 CAPLUS

Urea, N-[3-[3-[4-chloropheny1)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c} \text{C1} \\ \text{CE}_2 \\ \text{N-} \\ \text{CH}_2 \\ \text{3-NE-C-NE-} \\ \text{N}_{\text{-}} \end{array}$$

1068483-88-4 CAPLUS RN

 $\label{thm:condition} \mbox{Urea, N-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-}$ pyridinyl- (CA INDEX NAME)

RN

1068483-90-8 CAPLUS
Urea, N-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068485-36-8 CAPLUS

CN Urea, N-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-

L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068495-24-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

1068495-28-2 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN

1068495-29-3 CAPLUS
Urea, N-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

1068505-84-9 CAPLUS

 $\label{eq:continuous} \mbox{Urea, $\mathbb{N}-[3-[3-[4,4-difluoropheny1]]methyl]-1-piperidinyl]propyl]-\mathbb{N}'-2-1-piperidinyl[propyl]-\mathbb{N}'-2-1-piperidinyl[pro$ pyridinyl- (CA INDEX NAME)

1068506-67-1 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068507-04-9 CAPLUS
Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068511-49-8 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068512-13-9 CAPLUS
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

1068512-14-0 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068507-05-0 CAPLUS

Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068510-35-9 CAPLUS

Urea, N-[3-[3-[(2-chloropheny1)methy1]-1-piperidiny1]propy1]-N'-4-pyridiny1- (CA INDEX NAME) CN

RN 1068510-51-9 CAPLUS

L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} & \bigcirc & \bigcirc \\ & CH_2 & - \\ & N - (CH_2)_3 - NE - C - NE - \\ & \end{array}$$

RN 1068512-53-7 CAPLUS

 $\begin{tabular}{ll} $$ Urea, $\mathbb{N}^2-[3-[(2-fluoropheny1)methy1]-1-piperidiny1]ethy1]-\mathbb{N}^*-2-pyridiny1-(CA INDEX NAME) \end{tabular}$ CN

$$\bigcap_{\Gamma} \operatorname{CH}_2 - \operatorname{CH}_2 - \operatorname{CH}_2 - \operatorname{NH} - \operatorname{C} - \operatorname{NH} - \bigcap_{\mathbb{N}} \operatorname{NH}$$

RN 1068512-54-8 CAPLUS

CN (CA INDEX NAME)

RN 1068515-81-0 CAPLUS
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068516-04-0 CAPLUS
CN Urea, N=[3-[3-(12-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

1068516-20-0 CAPLUS

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068518-24-0 CAPLUS

INDEX NAME NOT YET ASSIGNED

L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068524-01-5 CAPLUS

Urea, N-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

RN 1068524-12-8 CAPLUS
CN Urea, N-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyxidinyl- (CA INDEX NAME)

RN 1068524-22-0 CAPLUS

Urea, N-[2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068518-26-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

$$\mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{NH} - \mathsf{C} - \mathsf{NH}$$

1068518-28-4 CAPLUS

CN Urea, N-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

1068523-85-2 CAPLUS

Urea, N-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA THIDEX NAME)

L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068524-40-2 CAPLUS

CN

RN 1068529-74-7 CAPLUS CN Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

Urea, N-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

1068530-54-0 CAPLUS

 $\label{eq:canonical} $$ Urea, N-[2-[4-(1/2-fluoropheny1)methy1]-1-piperidiny1]=thy1]-N'-2-pyridiny1-(CA INDEX NAME) $$$ 

1068536-17-3 CAPLUS
Urea, N-[2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-2pyridinyl- (CA INDEX NAME)

L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068543-65-6 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068543-66-7 CAPLUS
Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068544-45-5 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

IN 108836-81-1 CAPUS

CN Urea, N-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME)

$$\bigcap_{\mathsf{CH}_2-\mathsf{CH}_2-\mathsf{NH}-\mathsf{C}-\mathsf{NH}-\mathsf{N$$

RN 1068537-30-3 CAPLUS

Urea, N-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068543-08-7 CAPLUS

Urea, N-[2-[4-]((4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068544-47-7 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

1068550-05-9 CAPLUS

Urea, N-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME) CN

RN 1068550-42-4 CAPLUS

Urea, N-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068550-78-6 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068550-79-7 CAPLUS
Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3pyridinyl- (CA INDEX NAME)

L10 ANSWER 24 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:991516 CAPLUS

DOCUMENT NUMBER: 140:42208

Preparation of diazaheterocycles as calcitonin gene TITLE:

related peptide receptor antagonists

Chaturvedula, Prasad V.; Chen, Ling; Civiello, Rita; Conway, Charles Mark; Degnan, Andrew P.; Dubowchik, INVENTOR(S):

Gene M.; Han, Xiaojun; Karageorge, George N.; Luo, Guanglin; Macor, John E.; Poindexter, Graham; Vig,

Bristol-Myers Squibb Company, USA PCT Int. Appl., 309 pp. CODEN: PIXXD2 PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

	ENT I				KIND DATE					ICAT								
WO	2003	1042	36		A1	A1 20031218				WO 2	003-	US16	20030527					
	W:	ΑE,	AG,	AL,	AM,	ΑT,	AU,	ΑZ,	BA,	BB,	BG,	BR,	ΒY,	BZ,	CA,	CH,	CN,	
		CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DΣ,	EC,	EE,	ES,	FI,	GB,	GD,	GE,	GH,	
		GM,	${\tt HR}_{t}$	ΗU,	ID,	IL,	IN,	IS,	JP,	KΕ,	KG,	K₽,	$\mathbb{KR}_{I}$	$\mathbb{KZ}_{I}$	LC,	LK,	LR,	
		LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	ΜZ,	NI,	NO,	NΣ,	OM,	
		PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	IJ,	TM,	TN,	TR,	ΤT,	
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	RW:								,		TZ,	,						
		,			,				,		CH,					,		
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								,	,		GW,	,						
	2487										003-							
	2003:																	
BR	2003	0118	12		A		2005	0329		BR 2	003-	1181	2		21	0030	527	
EΡ	1539	766			A1		2005	0615		EP 2	003-	7367	21		2	0030	527	
	R:	ΑT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	${\rm NL}_{\rm r}$	SE,	MC,	PT,	
		IE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL,	TR,	BG,	CZ,	EE,	HU,	SK		
CN	1671	711			A		2005	0921		CN 2	003-	8184	75		21	0030	527	
JΡ	2005	5389	59		Τ		2005	1222		JP 2	004-	5113	06		2	0030	527	
ΝZ	5373	15			A		2006	0428		NZ 2	003-	5373	15		2	0030	527	
RU	2341	526			C2		2008	1220	RU 2004-139061						20030527			
ZA	2004	0096	54		A		2006	0726		ZA 2	004-	9654			21	0041	129	

L10 ANSWER 23 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068550-80-0 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10	ANSWER 24 OF 60	CAPLUS C	OPYRIGHT	2009 AI	"S on STN	(Conti	nued)
220	MX 2004011960	A	2005033		2004-11960	(001101	20041130
	IN 2004DN03814	A	2007042	7 IN	2004-DN3814		20041203
PRIO	RITY APPLN. INFO.	:		US	2002-386138P	P	20020605
				US	2002-388617P	P	20020613
				US	2002-389870P	P	20020619
				US	2002-393200P	P	20020703
				US	2002-413534P	P	20020925
				WO	2003-US16576	W	2003052
OTHE	R SOURCE(S):	MARPAT	140:422	08			

GI

AB Diazaheterocycles I [m, n = 0-2; m  $\neq$  n = 2; V = (un)substituted NH2, Off, Q=(m) substituted alkyl, NE2, NECOER, NECOER; U=CE, NN; D=0, NCN, alkylsulfonylinino; A=C, N, CH; E=(un) substituted heterocyclic] were prepared for use as antagonists of calcitonin gene-related peptide receptors for treatment of neurogenic vasodilation, neurogenic inflammation, migraine and other headaches, thermal injury, circulatory shock, flushing associated with menopause, airway inflammatory diseases, such L10 ANSWER 24 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) as asthma and chronic obstructive pulmonary disease (COPD). Thus, the indazole II was prepd. from 1H-indazole-5-carboxaldehyde and had IC50 for calcitonin gene related peptide receptor binding of  $\leq 10$  nM.

635712-01-59
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(preparation of diazaheterocycles as calcitonin gene related peptide

receptor antagonists)
635712-01-5 CAPLUS
Urea, N-[(18)-1-([1,4\*-bipiperidin]-1\*-ylcarbonyl)-3-[4-(1,4-dihydro-2-oxo-3(2H)-quinazolinyl)-1-piperidinyl]-3-oxopropyl]-N'-(2,6-dichloro-4-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

(Continued)

L10 ANSWER 24 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT REFERENCE COUNT:

L10 ANSWER 25 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:454318 CAPLUS

DOCUMENT NUMBER: 139:36450

Preparation of 4-[(piperidylalkyl)ureido]quinolines, 4-[(pyrrolidylalkyl)ureido]quinolines, and analogs as TITLE:

urotensin II receptor antagonists Aissaoui, Hamed; Binkert, Christoph; Clozel, Martine;

INVENTOR(S):

Mathys, Boris; Mueller, Claus; Nayler, Oliver; Scherz, Michael; Velker, Joerg; Weller, Thomas Actelion Pharmaceuticals Ltd., Switz.

PATENT ASSIGNEE(S):

PCT Int. Appl., 139 pp. CODEN: PIXXD2 SOURCE:

DOCUMENT TYPE: Patent LANGUAGE:

English FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PAT	TENT I	.OV	. KIND DATE APPLICATION NO.								D	ATE					
WO.	2003	0481	54												21	0021	202
	W:	ΑE,	AG,	AL,	AM,	AT,	AU,	AΖ,	BA,	BB,	BG,	BR,	ΒY,	$BZ_{r}$	CA,	CH,	CN
		CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	ES,	FI,	GB,	GD,	GE,	GH
		GM,	HR,	ΗU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KΡ,	KR,	KΖ,	LC,	LK,	LR
		LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MΖ,	NO,	NZ,	OM,	PH
		PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	TJ,	TM,	TN,	TR,	TT,	TZ
		UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW						
	RW:	GH,	GM,	KE,	LS,	MW,	ΜZ,	SD,	SL,	SZ,	TZ,	UG,	ZM,	${\tt ZW}_{r}$	AM,	AΣ,	ВУ
		KG,	$KZ_{I}$	MD,	RU,	IJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES
		FI,	FR,	GB,	GR,	IE,	IT,	LU,	MC,	NL,	PT,	SE,	SI,	SK,	TR,	BF,	BJ
		CF,	CG,	CI,	CM,	GA,	GN,	GΩ,	GW,	ML,	$MR_{r}$	NE,	SN,	TD,	TG		
CA	2473	392			A1		2003	0612		CA 2	002-	2473	392		21	0021	202
AU	2002	3580	71		A1		2003	0617		AU 2	002-	3580	71		2	0021	202
AU	2002	3580	71		В2		2008	0612									
EΡ	1499	507			A1		2005	0126		EP 2	002-	7917	49		2	0021	202
ΕP	1499	507			В1		2005	1207									
	R:	ΑT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	$\mathtt{NL}_{r}$	SE,	MC,	PT
		IE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL,	TR,	BG,	CZ,	$EE_{I}$	SK		
HU	2004	0021	84		A2		2005	0228		HU 2	004-	2184			2	0021	202
CN	1617	369			A		2005	0518		CN 2	002-	8277	76		2	0021	202
CN	1004	2408	2		С		2008	1008									
ΑT	3120	90			T		2005	1215		AT 2	002-	7917	49		21	0021	202
NZ	5340	46			A		2006	0224		NZ 2	002-	5340	46		21	0021	202

AB Title (pyridin-4-yl)urea derivs. and related compds. I [wherein Py = (un)substituted 2-NEZR3-pyridin-4-yl, quinolin-4-yl, (5,6,7,8-tetrahydro)[1,8]naphthyridin-4-yl, or 2,3-dihydro-18-pyrrol(2,3-b)pyridin-4-yl, X = aryl(oxy), arylalkyl, (aryl)alkyl-50XR2, aryl-50XR2, (aryl)alkyl-CONR2, aryl-50XR2, (aryllalkyl-NRSCONR2, aryl-NRSCONR2, aryl-NRSCONR2, aryl-RSCONR2, alkyl-NRSCO, or when X = aryl(alkyl), Z = H, OH, CO2H, aryl-CONR2, alkyl-NRSCO, or L10 ANSWER 25 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (aryl)alkyl-NR2CO; m = 1-2; n = 0-1; Kl = H or alkyl; R2 and R3 = independently H or (aryl)alkyl; or NR2R3 = piperidyl, pyrrolidinyl, or morpholinyl; R4 = H, (aryl)alkyl, or aryl; R5 = H or Me; or CR4R5 = marphorning; ha — h, darylanky, to dary, bd — n to keep to cash — acrooycyly; and enantiomers, diastereomers, racemates, pharmaceutically acceptable salts, solvates, or morphol. forms thereof) were prepd. as urotensin II receptor antagonists. For example, reaction of 4-anino-2-methylquinoline with 2-chlorothylisocynate quave the urea. Substitution with piperidin-4-ylcarbanic acid tert-Bu ester, deprotection of the amine, and coupling with 4-trifluoromethylbenzenesulfonyl chloride provided II. Compds. of the invention inhibited binding of human [125I]-urotensin II to human-derived rhabdomyosarcoma cells in vitro with IC50 values ranging from 0.1 nM to 1000 nM. Thus, I are useful as active ingredients in pharmaceutical compns. for the treatment of vasconstriction, proliferation, and a wide variety of other disease states assocd. with urotensin II regulation (no data). 540769-95-7P, 1-[2-(4-Benzyl-4-hydroxypiperidin-1-yl)ethyl]-3-[2-

(benzylmethylamino)pyridin-4-yl]urea 540770-07-8P,  $1-[2-(4-\texttt{Benzyl-4-hydroxypiperidin-1-yl})\,\texttt{ethyl}]-3-(2-\texttt{diallylaminopyridin-4-hydroxypiperidin-1-yl})\,\texttt{ethyl}]-3-(2-\texttt{diallylaminopyridin-4-hydroxypiperidin-1-yl})\,\texttt{ethyl}]-3-(2-\texttt{diallylaminopyridin-4-hydroxypiperidin-1-yl})$ 

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(urotensin antagonist; preparation of ureidoquinolines and analogs as urotensin II receptor antagonists for treatment of vasoconstriction, proliferation, and other disorders)
540769-95-7 CAPLUS
Urea, N-[2-[4-hydroxy-4-(phenylmethyl)-1-piperidinyl]ethyl]-N'-[2-

[methyl(phenylmethyl)amino]-4-pyridinyl]- (CA INDEX NAME)

L10 ANSWER 25 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) hydroxypiperidin-1-yl)ethyl]urea

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(urotensin antagonist; prepn. of ureidoquinolines and analogs as urotensin II receptor antagonists for treatment of vasoconstriction, proliferation, and other disorders)

 $540769-97-9 \quad CAPLUS \\ Urea, N-[2-[4-hydroxy-4-(phenylmethyl)-1-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl]-N'-[2-methyl-6-piperidinyl]ethyl-1-piperidinyl]ethyl-1-piperidinyl[2-methyl-6-piperidinyl]ethyl-1-piperidinyl[2-methyl-6-piperidinyl]ethyl-1-piperidinyl[2-methyl-6-piperidinyl]ethyl-1-piperidinyl[2-methyl-6-piperidinyl]ethyl-1-piperidinyl[2-methyl-6-piperidinyl]ethyl-1-piperidinyl[2-methyl-6-piperidinyl]ethyl-1-piperidinyl[2-methyl-6-piperidinyl]ethyl-1-piperidinyl[2-methyl-6-piperidinyl[2-methyl-6-piperidinyl]ethyl-1-piperidinyl[2-methyl-6-piperid$ [(2-phenylethyl)amino]-4-pyridinyl]- (CA INDEX NAME)

RN 540769-98-0 CAPLUS

 $\label{eq:continuous} \mbox{Urea, $N-[2-methyl-6-[(2-phenylethyl)amino]-4-pyridinyl]-N'-[2-[4-phenylethyl)amino]-4-pyridinyl]-N'-[2-[4-phenylethyl)amino]-4-pyridinyl]-N'-[4-phenylethyl)amino]-4-pyridinyl]-N'-[4-phenylethyl)amino]-4-pyridinyl]-N'-[4-phenylethyl)amino]-4-pyridinyl]-N'-[4-phenylethyl)amino]-4-pyridinyl]-N'-[4-phenylethyl)amino]-4-pyridinyl]-N'-[4-phenylethyl)amino]-4-pyridinyl]-N'-[4-phenylethyl)amino]-4-pyridinyl]-N'-[4-phenylethyl)amino]-4-pyridinyl]-N'-[4-phenyleth$ (phenylmethyl)-1-piperidinyl]ethyl]- (CA INDEX NAME)

540769-99-1 CAPLUS

Urea, N-[2-[methyl(phenylmethyl)amino]-4-pyridinyl]-N'-[2-[4-(phenylmethyl)-1-piperidinyl]ethyl]- (CA INDEX NAME)

L10 ANSWER 25 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 540770-07-8 CAPLUS

Urea, N-[2-(di-2-propen-1-ylamino)-4-pyridinyl]-N'-[2-[4-hydroxy-4-(phenylmethyl)-1-piperidinyl]ethyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{H}_2\text{C} = \text{CH} - \text{CH}_2 \\ \text{H}_2\text{C} = \text{CH} - \text{CH}_2 - \text{N} \\ \text{N} \\ \end{array} \qquad \begin{array}{c} \text{OH} \\ \text{OH} - \text{CH}_2 - \text{CH}_2 \\ \text{OH} \\ \text{CH}_2 - \text{PH} \\ \text{OH} \\ \text{CH}_2 - \text{PH} \\ \text{OH} \\ \text{CH}_2 - \text{PH} \\ \text{OH} \\$$

IT 540769-97-9P, 1-[2-(4-Benzyl-4-hydroxypiperidin-1-yl)ethyl]-3-[2-(benzylmethylamino)-6-methylpyridin-4-yl]urea 540769-98-0P, 1-[2-(Benzylmethylamino)-6-methylpyridin-4-yl]-3-[2-(4-benzylpiperidin-1-yl)ethyl]urea 540769-99-1P,

1-[2-(Benzylmethylamino)pyridin-4-y1]-3-[2-(4-benzylpiperidin-1-

yl)ethyl]urea 540770-03-4P,

1-[2-(4-Benzyl-4-hydroxypiperidin-1-yl)ethyl]-3-(2-dimethylaminopyridin-4yl)urea 540770-04-5P, 1-[2-(4-Benzylpiperidin-1-yl)ethyl]-3-(2-dimethylaminopyridin-4-yl)urea 540770-05-6P,

1-[2-(Benzylethylamino)pyridin-4-yl]-3-[2-(4-benzyl-4-hydroxypiperidin-1yl)ethyl]urea 540770-06-7P, 1-[2-(4-Benzyl-4-hydroxypiperidin-1-yl)ethyl]-3-[2-

(ethylmethylamino)pyridin-4-yl]urea 540770-08-9P,

1-[2-(4-Benzyl-4-hydroxypiperidin-1-yl)ethyl]-3-(2-dipropylaminopyridin-4-yl)urea 540770-09-0P, 1-[2-(4-Benzyl-4-hydroxypiperidin-1-

L10 ANSWER 25 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

 $540770-00-1 \quad CAPLUS \\ Urea, \ N-[2-(methylphenylamino)-4-pyridiny1]-N'-[2-[4-(phenylmethyl)-1-(phenylmethyl)]-N'-[2-[4-(phenylmethyl)]-N'-[4-(phenylmet$ piperidinyl]ethyl]- (CA INDEX NAME)

540770-01-2 CAPLUS
Urea, N-[2-[4-(phenylmethyl)-1-piperidinyl]ethyl]-N'-[2-(1-pyzrolidinyl)-4-pyridinyl]- (CA INDEX NAME)

 ${\tt CN \quad Urea, \ N-[2-[(2-phenylethyl)\ (phenylmethyl)\ amino]-4-pyridinyl]-N'-[2-[4-phenylethyl)\ (phenylmethyl)\ amino]-4-pyridinyl]-N'-[2-[4-phenylethyl]\ (phenylmethyl)\ amino]-4-pyridinyll[-1-phenylethyl]\ (phenylmethyl)\ amino]-4-pyridinyll[-1-phenylethyl]\ (phenylmethyl)\ amino]-4-pyridinyll[-1-phenylethyl]\ (phenylmethyl)\ amino]-4-pyridinyll[-1-phenylethyl]\ (phenylmethyl)\ amino]-4-pyridinyll[-1-phenylethyl]\ (phenylmethyll)\ amino]-4-pyridinyll[-1-phenylethyll]\ (phenylmethyll)\ amino]\ (phenylmethyll)\ (phenylmethyll)\ (phenylmethyll)\ (phenylmethyll)\ (phenylmethyll)\ (phenylmethyll)\ (phenylmethyll)\ (phenylmethyll)\ (phenylmethyll)\ (phen$ 

### 06/05/2009

# 10-573,516-1.trn

L10 ANSWER 25 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (phenylmethyl)-1-piperidinyl]ethyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{N-CH}_2\text{-CH}_2\text{-NH-C-NH-N-CH}_2 \\ \text{Ph-CH}_2 \end{array}$$

RN 540770-03-4 CAPLUS
CN Urea, N-[2-(dimethylamino)-4-pyridinyl]-N'-[2-[4-hydroxy-4-(phenylmethyl)-1-piperidinyl]ethyl]- (CA INDEX NAME)

540770-04-5 CAPLUS Urea, N-[2-(dimethylamino)-4-pyridinyl]-N'-[2-[4-(phenylmethyl)-1piperidinyl]ethyl]- (CA INDEX NAME)

$$\begin{array}{c} N - CH_2 - CH_2 - NH - C - NH \\ \hline \\ Ph - CH_2 \end{array}$$

L10 ANSWER 25 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

540770-09-0 CAPLUS

Urea, N-[2-[4-hydroxy-4-(phenylmethyl)-1-piperidinyl]ethyl]-N'-[2-(methylamino)-4-pyridinyl]- (CA INDEX NAME)

540770-10-3 CAPLUS
Urea, N-[2-(methylamino)-4-pyridinyl]-N'-[2-[4-(phenylmethyl)-1-piperidinyl]ethyl]- (CA INDEX NAME)

540770-11-4 CAPLUS Urea, N-(2-amino-4-pyridiny1)-N'-[2-[4-hydroxy-4-(phenylmethy1)-1piperidinyl]ethyl]- (CA INDEX NAME)

L10 ANSWER 25 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN CN

540770-05-6 CAPLUS
Urea, N-[2-[ethyl[phenylmethyl]amino]-4-pyridinyl]-N'-[2-[4-hydroxy-4-(phenylmethyl)-1-piperidinyl]ethyl]- (CA INDEX NAME)

RN 540770-06-7 CAPLUS
CN Urea, N-[2-(ethylmethylamino)-4-pyridinyl]-N\*-[2-[4-hydroxy-4-(phenylmethyl)-1-piperidinyl]ethyl]- (CA INDEX NAME)

$$\begin{array}{c|c} \text{Me} & \text{OH} \\ \hline \\ \text{Et-N} & \text{NH-C-NH-CH}_2\text{-CH}_2\text{--N} \\ \hline \\ \text{N} & \end{array}$$

RN 540770-08-9 CAPLUS

Urea, N-[2-(dipropylamino)-4-pyridiny1]-N'-[2-[4-hydroxy-4-(phenylmethy1)-1-piperidiny1]ethy1]- (CA INDEX NAME)

L10 ANSWER 25 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

REFERENCE COUNT:

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 26 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:937765 CAPLUS 136:410946

DOCUMENT NUMBER:

Preparation of piperidinoalkylureas as chemokine

receptor modulators

INVENTOR(S): Ko, Soo S.; Delucca, George V.; Duncia, John V.; Kim,

To Job S., Delta, Berlay, Berlay, Changsheng Dupont Pharmaceuticals Company, USA PCT Int. Appl., 333 pp.

PATENT ASSIGNEE(S): SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

PATENT INFORMATION:

PR:

PATE	PATENT NO. K						KIND DATE				APPLICATION NO.							
													-					
WO 2	2001	0982	70 A	2			2001	1227	W	0 20	01-X	F197	52		2	0010620		
W:	AE,	AG,	AL,	AM,	AT,	AU,	AZ,	BA,	BB,	BG,	BR,	ΒY,	BΖ,	CA,	CH,	CN,	CR,	
	CU,	CZ,	DE,	DK,	DM,	DZ,	EE,	ES,	FI,	GB,	GD,	GE,	GH,	GM,	HR,	HU,	ID,	
	IL,	IN,	IS,	JP,	KE,	KG,	KP,	$\mathbb{KR}_{r}$	KZ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	MA,	
	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NO,	NZ,	PL,	PT,	RO,	RU,	SD,	SE,	SG,	SI,	
	SK,	SL,	$\mathbb{T}\mathbb{J}_{I}$	TM,	TR,	TT,	TZ,	UA,	UG,	UZ,	VN,	ΥU,	ZA,	ZW,	AM,	AΣ,	ΒY,	
	KG,	KΖ,	MD,	RU,	IJ,	TM												
RW:	AT,	BE,	BF,	ΒJ,	CF,	CG,	CH,	CI,	CM,	CY,	DE,	DK,	ES,	FI,	FR,	GA,	GB,	
	GR,	IE,	IT,	LU,	MC,	ML,	MR,	NE,	NL,	PT,	SE,	SN,	TD,	TG,	TR			
IORITY	APP:	LN.	INFO	.:					U	US 2000-213208P							521	
									U	S 20	00-5	9740	0		20000621			

The title compds. were prepared as chemokine receptor modulators (no data). Thus, PhCH2Z(CH2)3NHR (Z = piperidine-4,1-diyl)(I; R = H)(preparation given) was amidated by 3-(NC)C6H4NCO to give I [R = CONHC6H4(CN)-3]. [This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

1068806-54-1 1068806-55-2 1068806-56-3 1068813-17-1 1068813-18-2 1068816-66-9 1068816-67-0 1068817-20-8 1068817-21-9 1068817-22-0 1068854-65-8 1068854-87-4 1068859-01-7 1068859-96-0 1068863-09-1

L10 ANSWER 26 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068806-56-3 CAPLUS

 $\label{lem:urea} $$ \mathbb{N}^{3-[4-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-4-pyridiny1- $$ (CA INDEX NAME)$$ 

1068813-17-1 CAPLUS
Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068813-18-2 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068863-10-4 1068872-95-6 1068873-23-3 1068873-45-9 1068878-18-1 1068878-46-5 1068881-30-0 1068881-54-8 1068912-12-8 1068912-40-2 1068915-03-6 1068915-16-1 1068915-26-3 1068915-63-8 1068915-77-4 1068916-73-3 1068917-76-9 1068918-49-9 1068921-23-2 1068923-15-8 1068923-37-4

(Continued)

1068923-59-0 1068929-96-3 1068930-55-1 1068937-21-2 1068937-82-5 1068938-05-5 1068938-17-9 1068938-28-2 1068938-64-6 1068943-19-0 1068943-30-5 1068943-41-8

L10 ANSWER 26 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RL: PRPH (Prophetic)

(Preparation of piperidinoalkylureas as chemokine receptor modulators)

1068806-54-1 CAPLUS
Urea, N-[3-[4-[(4-chloropheny1)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068806-55-2 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 26 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068816-66-9 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068816-67-0 CAPLUS

 ${\tt Urea, N-[3-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-piperidiny1-pipe$ (phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068817-20-8 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068817-21-9 CAPLUS

 $\label{eq:continuity} $$ \operatorname{N-[3-[4-[(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-3-pyridiny1- (CA INDEX NAME) $$$ 

1068817-22-0 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068854-65-8 CAPLUS

L10 ANSWER 26 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068859-96-0 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068863-09-1 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068863-10-4 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 26 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN

1068854-87-4 CAPLUS Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068859-01-7 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 26 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068872-95-6 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME) CN

RN 1068873-23-3 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068873-45-9 CAPLUS
CN Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068878-18-1 CAPLUS

 ${\tt Urea, \ N-[3-[4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]}$ (phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068878-46-5 CAPLUS RN

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068881-30-0 CAPLUS

Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

L10 ANSWER 26 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridinyl- (CA INDEX NAME)

1068915-03-6 CAPLUS

Urea, N-[3-[3-[4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068915-16-1 CAPLUS
CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

 $\label{lem:condition} \begin{tabular}{ll} $$\operatorname{Urea}, N-[3-[3-(2,4-\operatorname{difluorophenyl})]=1-\operatorname{piperidinyl}-2-\operatorname{hydroxy-1-(phenylmethyl)propyl}-N'-4-\operatorname{pyridinyl-} $$$ (CA INDEX NAME)$ \\ \end{tabular}$ 

L10 ANSWER 26 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068881-54-8 CAPLUS
CN Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068912-12-8 CAPLUS

CN

RN 1068912-40-2 CAPLUS

Urea, N-[3-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]-1-pheny1propy1]-N'-4-

L10 ANSWER 26 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068915-63-8 CAPLUS CN Urea, N=[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068915-77-4 CAPLUS
CN Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068916-73-3 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068917-76-9 CAPLUS

CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]N'-4-pyridinyl- (CA INDEX NAME)

RN 1068918-49-9 CAPLUS

CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068921-23-2 CAPLUS

CN Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-

L10 ANSWER 26 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
CN Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'4-pyridinyl- (CA INDEX NAME)

RN 1068929-96-3 CAPLUS

CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NRME)

RN 1068930-55-1 CAPLUS

CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068937-21-2 CAPLUS

No Urea, N=[-2]-4=[(4-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2pyridinyl- (CA INDEX NAME) L10 ANSWER 26 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068923-15-8 CAPLUS

CN Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068923-37-4 CAPLUS

CN Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068923-59-0 CAPLUS

L10 ANSWER 26 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068937-82-5 CAPLUS

CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068938-05-5 CAPLUS

CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068938-17-9 CAPLUS

CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068938-28-2 CAPLUS
CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]N'-2-pyridinyl- (CA INDEX NAME)

 $\begin{array}{lll} 1068938-64-6 & CAPLUS \\ Urea, & N-[3-[4-((4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-3-pyridinyl- & (CA INDEX NAME) \\ \end{array}$ 

L10 ANSWER 26 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068943-41-8 CAPLUS
CN Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{Ph} & \bigcap \\ -\text{CH}_2-\text{CH}_2-\text{CH}-\text{NH}-\text{C-NH}-\text{NH} \end{array}$$

REFERENCE COUNT:

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 26 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068943-19-0 CAPLUS

 $\label{lem:condition} $$ Urea, N-[3-[4-([2-chloropheny1])methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)$ 

1068943-30-5 CAPLUS
Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ &$$

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER:

DOCUMENT NUMBER: 136:410945

Preparation of piperidinoalkylureas as chemokine TITLE:

receptor modulators

Ko, Soo S.; Delucca, George V.; Duncia, John V.; Kim, Ui Tae; Wacker, Dean A.; Zheng, Changsheng INVENTOR(S):

Dupont Pharmaceuticals Company, USA PCT Int. Appl., 333 pp. CODEN: PIXXD2 PATENT ASSIGNEE(S):

SOURCE:

DOCUMENT TYPE: Patent

English LANGUAGE:

PATENT INFORMATION:

PAT:	ENT I	.OV			KIN	D	DATE			APPL	ICAT		DATE					
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WO :	2001	1982	70 A	2	20011227			W	0 20	01-X	E197	52		2	0010	620		
W:	ΑE,	AG,	AL,	AM,	AT,	ΑU,	ΑZ,	BA,	BB,	BG,	BR,	ΒY,	BΖ,	CA,	CH,	CN,	CR,	
	CU,	CZ,	DE,	DK,	DM,	DZ,	EE,	ES,	FI,	GB,	GD,	GE,	GH,	GM,	HR,	ΗU,	ID,	
	${\rm IL}_{\rm r}$	IN,	IS,	JP,	KE,	KG,	KΡ,	KR,	ΚZ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	MA,	
	MD,	MG,	MK,	MN,	MW,	$MX_{t}$	MZ,	NO,	NZ,	${\rm PL}_{t}$	$PT_{r}$	RO,	RU,	SD,	SE,	SG,	SI,	
	SK,	$\mathbb{SL}_{t}$	TJ,	${\rm TM}_{\rm r}$	${\rm TR}_{\rm r}$	$TT_{I}$	TZ,	UA,	UG,	${\tt UZ}_{\it t}$	$\mathbb{V}\mathbb{N}_{r}$	YU,	$\mathbb{Z}\mathbb{A}_{t}$	ZW,	AM,	$\mathbb{AZ}_{I}$	ΒY,	
	KG,	$KZ_{I}$	$\mathtt{MD}_{I}$	RU,	TJ,	TM												
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Thus, PhCR2C(ER2) SNHR (Z = piperidine-4, 1-diyl) ( $I_T R = H$ ) (preparation given) was amidated by 3-(NC) C6H4NCO to give I [R = CONROCH4(CN) - 3]. [This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.] 1068171-17-8 1068722-92-8 1068734-88-2 1068734-89-3 1068735-83-0 1068735-84-1

1068739-23-0 1068739-24-1 1068739-64-9 1068739-65-0 1068744-83-1 1068744-84-2 1068748-24-2 1068748-25-3 1068748-64-0 1068748-65-1 1068814-75-4 1068814-76-5 1068818-24-5 1068818-25-6 1068821-75-9 1068821-76-0 1068822-32-1 1068822-33-2 1068822-34-3 1068830-08-9 1068830-09-0 L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN 1068834-46-7 1068834-48-9 1068836-71-4 1068836-72-5 1068838-67-4 1068838-68-5 1068838-69-6 1068841-09-7 1068841-10-0 (Continued) 1068845-00-0 1068845-01-1 1068845-22-6 1068845-23-7 1068845-24-8 1068852-37-8 1068852-38-9 1068855-40-2 1068855-41-3 1068857-11-3 1068857-13-5 1068859-61-9 1068859-62-0 1068859-63-1 1068861-51-7 1068861-52-8 1068862-23-6 1068862-24-7 1068866-47-6 1068866-48-7 1068866-49-8 1068887-73-9 1068889-12-2 1068892-40-9 1068892-54-5 1068892-65-9 1068892-76-1 1068907-26-9 1068907-26-5 1068907-36-7 1068907-73-2 1068910-81-5 1068911-04-5 1068916-89-1 1068917-18-9 1068917-39-4 1068917-61-2 1071473-57-8 1071473-79-4 1071474-30-0 1071493-27-0 1071494-42-2 1071515-69-9 1071516-11-4 1071765-99-5 1071766-00-1 1071766-01-2 1071782-22-3 1071782-24-5 1071790-81-2 1071790-85-6 1071793-79-7 1071793-80-0 1072442-93-3 1072443-00-5 1072443-01-6 1072451-14-9 1072451-17-2 1072456-32-6 1072456-33-7 1075238-45-7 1075239-77-8 1075241-31-4 1075242-95-3 1075244-05-1 1075245-94-1 1075246-10-4 1075246-42-2 1075249-62-5 RL: PRPH (Prophetic) (Preparation of piperidinoalkylureas as chemokine receptor modulators) 1068717-17-8 CAPLUS INDEX NAME NOT YET ASSIGNED

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068735-83-0 CAPLUS INDEX NAME NOT YET ASSIGNED

1068735-84-1 CAPLUS RN

INDEX NAME NOT YET ASSIGNED

RN 1068739-23-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068722-92-8 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068734-88-2 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN 1068734-89-3 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068739-24-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068739-64-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

$$\begin{array}{c|c} \text{OH Pr-i} & \text{O} \\ \text{CH}_2 & \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3 - \text{CH}_4 - \text{CH}_4 - \text{CH}_4 - \text{CH}_5 - \text{CH}_5 - \text{CH}_6 - \text{CH}_6$$

RN 1068739-65-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068744-83-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

RN 1068744-84-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-24-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068814-75-4 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068814-76-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1068818-24-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068748-25-3 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-64-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-65-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068818-25-6 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068821-75-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068821-76-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068822-32-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068822-33-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068822-34-3 CAPLUS INDEX NAME NOT YET ASSIGNED

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068834-48-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068836-71-4 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068836-72-5 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068830-08-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068830-09-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068834-46-7 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068838-67-4 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068838-68-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068838-69-6 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068841-09-7 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068841-10-0 CAPLUS
Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068845-00-0 CAPLUS
Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068845-24-8 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068052-37-8 CAPLUS
Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068852-38-9 CAPLUS

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

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L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068845-01-1 CAPLUS

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068845-22-6 CAPLUS
CN Urea, N-[3-[3-((4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068845-23-7 CAPLUS

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068855-40-2 CAPLUS
CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068855-41-3 CAPLUS
CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068857-13-5 CAPLUS
Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-methylpropyl]-N'-4-pyxidinyl- (CA INDEX NAME)

1068859-61-9 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068859-62-0 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068862-23-6 CAPLUS

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068862-24-7 CAPLUS

 $\begin{tabular}{ll} Urea, $N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME) \\ \end{tabular}$ 

 $\label{lem:ura_n} $$ W=[3-[3-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-2-pyridiny1- (CA INDEX NAME)$ 

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} \text{CH} & \text{Ph} & \text{O} \\ & \text{I} & \text{I} \\ & \text{CH}_2 - \text{CH} - \text{CH} - \text{NB} - \text{C} - \text{NB} - \text{I} \\ & \text{N} \end{array}$$

1068859-63-1 CAPLUS

 $\begin{tabular}{ll} Urea, $N=[3-[3-[(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-phenylpropy1]-N'-4-pyridiny1- (CA INDEX NAME) \\ \end{tabular}$ 

RN 1068861-51-7 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068861-52-8 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methy1propy1]-N'-4-pyridiny1- (CA INDEX NAME)

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068866-48-7 CAPLUS
CN Urea, N-[3-[3-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-3-pyridiny1- (CA INDEX NAME)

RN 1068866-49-8 CAPLUS
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068887-73-9 CAPLUS
CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068889-12-2 CAPLUS
CN Urea, N-[3-[4-([4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068892-40-9 CAPLUS RN

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068892-54-5 CAPLUS
Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068907-26-5 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068907-36-7 CAPLUS CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

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L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068892-65-8 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068892-76-1 CAPLUS

RN 1068905-26-9 CAPLUS

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

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RN 1068910-81-5 CAPLUS
CN Urea, N-[3-[4-[(2-fluoropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068911-04-5 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068916-89-1 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N\*-3-pyridinyl- (CA INDEX NAME)

1068917-18-9 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N\*-2-pyridinyl- (CA INDEX NAME)

1068917-39-4 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropy1]-N'-2-pyridiny1- (CA INDEX NAME)

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

1071474-30-0 CAPLUS
Urea, N-[1-[2-[4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1071493-27-0 CAPLUS

 $\label{eq:continuous} $$ Urea, N-[1-[2-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]-1-hydroxyethy1]-3-methylbuty1]-N'-2-pyridiny1- (CA INDEX NAME)$ 

RN 1071494-42-2 CAPLUS

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L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068917-61-2 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

1071473-57-8 CAPLUS
Urea, N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[1-[2-[4-[(2-fluorophenyl]methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1071515-69-9 CAPLUS
CN Urea, N-[1-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1071516-11-4 CAPLUS
CN Urea, N-[1-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

$$\begin{picture}(20,0) \put(0,0){\line(1,0){100}} \put(0,0){\line(1,0){100$$

 $\texttt{CN} \qquad \texttt{Urea, N-[1-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-}$ 

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1071766-00-1 CAPLUS

Orea, N-[1-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

1071766-01-2 CAPLUS

Urea, N-[1-[2-[4-[(4-fhlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1071790-85-6 CAPLUS

 $\begin{tabular}{ll} Urea, $N-[1-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME) \\ \end{tabular}$ 

1071793-79-7 CAPLUS

Urea, N-[1-[1-hydroxy-2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

Urea, N-[1-[1-hydroxy-2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1071782-22-3 CAPLUS

 $\label{thm:continuous} \begin{tabular}{ll} Urea, $N-[1-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-piperidinyl] (a) $$ $(2-chlorophenyl)methyl] = 1-piperidinyl] (b) $$ $(2-chlorophenyl)methyl] = 1-piperidinyl] (c) $$ $(2-chlorophenyl)methyl] (c) $$ $(2-chlorophenyl)methyl] = 1-piperidinyl] (c) $$ $(2-chlorop$ methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1071782-24-5 CAPLUS

| Urea, N-[1-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

1071790-81-2 CAPLUS

Urea, N-[1-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1072442-93-3 CAPLUS

CN Urea, N-[1-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1072443-00-5 CAPLUS

 $\label{lem:urea} $$ \operatorname{N-[1-[2-3-[(4-fluorophenyl)]}_{-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME) $$$ 

RN

1072443-01-6 CAPLUS
Urea, N-[1-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1072451-14-9 CAPLUS
CN Urea, N-[1-[2-(3-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyxidinyl- (CA INDEX NAME)

1072451-17-2 CAPLUS

Urea, N-[1-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1072456-32-6 CAPLUS

Urea, N-[1-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyxidinyl- (CA INDEX NAME)

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1075241-31-4 CAPLUS

Urea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1075242-95-3 CAPLUS

 $\label{eq:continuous} \textit{Urea, N-[1-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-}$ hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1075244-05-1 CAPLUS

Urea, N-[1-[1-hydroxy-2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1072456-33-7 CAPLUS
CN Urea, N-[1-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1075238-45-7 CAPLUS
CN Urea, N-[1-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1075239-77-8 CAPLUS
CN Urea, N-[1-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl (CA INDEX NAME)

L10 ANSWER 27 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1075245-94-1 CAPLUS
CN Urea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1075246-10-4 CAPLUS

Nora, N-[1-[2-[3-[(2-hlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1075246-42-2 CAPLUS

Urea, N-[1-[1-hydroxy-2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1075249-62-5 CAPLUS
Urea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068747-30-7 1068748-95-7 1068748-97-9 1068749-57-4 1068749-58-5 1068749-90-5 1068749-91-6 1068750-82-2 1068753-30-9 1068753-31-0 1068758-94-0 1068758-95-1 1068762-34-4 1068762-74-2 1068762-75-3 1068799-73-4 1068799-74-5 1068807-87-3 1068809-13-1 1068811-36-8 1068811-37-9 1068811-93-7 1068811-94-8 1068811-95-9 1068820-27-8 1068822-61-6 1068822-62-7 1068823-44-8 1068827-49-5 1068832-27-8 1068835-49-3 1068835-50-6 1068836-21-4 1068836-22-5 1068847-61-9 1068850-53-2 1068850-54-3 1068850-66-7 1068851-18-2 1068851-44-4 RL: PRPH (Prophetic)
(Preparation of piperidinoalkylureas as chemokine receptor modulators)

1068720-32-0 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068720-33-1 CAPLUS
Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:937763 CAPLUS 136:410944 DOCUMENT NUMBER:

Preparation of piperidinoalkylureas as chemokine

receptor modulators
Ko, Soo S.; Delucca, George V.; Duncia, John V.; Kim, INVENTOR(S):

Ui Tae; Wacker, Dean A.; Zheng, Changsheng PATENT ASSIGNEE(S):

Dupont Pharmaceuticals Company, USA PCT Int. Appl., 333 pp.

SOURCE: CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE 20011227 WO 2001-XD19752 WO 2001098270 A2 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, ND, MG, MK, MN, MM, KM, XM, ZL, ND, NZ, PL, FT, KO, KU, SD, SE, SG, SI, SK, SI, IJ, IM, TR, IT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, IJ, IM, RW: AT, BB, BF, BJ, CF, GG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, FT, SE, SN, ID, IG, TR US 2000-213208P US 2000-597400 20000621 PRIORITY APPLN. INFO.: 20000621

AB The title compds. were prepared as chemokine receptor modulators (no data). Thus, PhCH2Z(CH2) 3NHR ( $\bar{z}$  = piperidine-4,1-diyl)( $\bar{x}$ , R = H)(preparation given) was amidated by 3-(NC)C6H4NCO to give I [R = CONHC6H4(CN)-3]. [This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

1068720-32-0 1068720-33-1 1068721-27-6 1068721-28-7 1068725-40-5 1068725-41-6 1068731-10-1 1068731-11-2 1068731-43-0 1068731-44-1 1068736-62-8 1068736-64-0 1068738-32-8 1068738-82-8 1068741-85-4

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068721-27-6 CAPLUS

 $\label{lem:urea} $$ Urea, $N-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-2-pyridiny1- (CA INDEX NAME) $$$ 

RN 1068721-28-7 CAPLUS

 $\begin{tabular}{ll} Urea, $N-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-4-pyridiny1- (CA INDEX NAME) \\ \end{tabular}$ 

1068725-40-5 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068725-41-6 CAPLUS

 ${\tt Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]}$ methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068731-10-1 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068731-11-2 CAPLUS

CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068736-62-8 CAPLUS
Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068736-64-0 CAPLUS

 ${\tt Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyllorenter (4-fluorophenyl) methyllorenter (4-fluorop$ methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068738-32-8 CAPLUS
Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

### Page 144

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068731-43-0 CAPLUS

 $\begin{tabular}{ll} $\tt Urea, N-[3-[4-[(2,4-difluoropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME) \\ \end{tabular}$ CN

1068731-44-1 CAPLUS
Urea, N-[3-[4-[(2,4-difluoropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068741-85-4 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068747-30-7 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

 $\texttt{CN} \qquad \texttt{Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-} \\$ 

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 2-pyridinyl- (CA INDEX NAME)

1068748-97-9 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068749-57-4 CAPLUS

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068749-58-5 CAPLUS

CN Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068753-30-9 CAPLUS

Urea, N-[3-[3-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-3-pyridinyl- (CA INDEX NAME)

1068753-31-0 CAPLUS
Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068758-94-0 CAPLUS

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

# Page 145

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 2-pyridinyl- (CA INDEX NAME)

RN 1068749-90-5 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]N'-2-pyridinyl- (CA INDEX NAME)

1068749-91-6 CAPLUS
Urea, N-[3-[3-[42,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-CN N'-4-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \operatorname{Cl} & \operatorname{OH} & \operatorname{OH} & \operatorname{OH} \\ \operatorname{CH}_2 & \operatorname{NH} - \operatorname{CH}_2 - \operatorname{CH} - \operatorname{CH}_2 - \operatorname{NH} - \operatorname{C} - \operatorname{NH} \\ \end{array}$$

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068758-95-1 CAPLUS RN

Urea, N-[3-[3-[(2,4-difluoropheny1)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068762-34-4 CAPLUS

Urea, N-[3-[3-[4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068762-74-2 CAPLUS
Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068762-75-3 CAPLUS
CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'4-pyridinyl- (CA INDEX NAME)

1068799-73-4 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068799-74-5 CAPLUS

 $\label{lem:condition} \mbox{Urea, $N-[2-hydroxy-3-[4-[(3-methoxypheny1)methy1]-1-piperidiny1]$ methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068811-37-9 CAPLUS

Urea, N-[3-[3-[4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068811-93-7 CAPLUS
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

 $\label{lem:condition} $$ \operatorname{N-[3-[3-[(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-3-pyridiny1- (CA INDEX NAME) $$$ 

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068807-87-3 CAPLUS RN

methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068809-13-1 CAPLUS RN

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068811-36-8 CAPLUS

CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068811-95-9 CAPLUS

 $\label{lem:continuous} $$ Urea, N-[3-[3-(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-4-pyridiny1- (CA INDEX NAME)$ CN

RN 1068820-27-8 CAPLUS

Nera, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068822-61-6 CAPLUS

Nrea, N-[3-[4-[(2,4-dichloropheny1)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

1068822-62-7 CAPLUS

Urea, N-[3-[4-([2,4-dichloropheny1)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl (CA INDEX NAME)

1068823-44-8 CAPLUS
Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068827-49-5 CAPLUS

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068835-50-6 CAPLUS

Urea, N=[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068836-21-4 CAPLUS
CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068836-22-5 CAPLUS

4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068832-27-8 CAPLUS CN Utea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN

1068835-49-3 CAPLUS
Urea, N-[3-[4-[(2-flworophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068847-61-9 CAPLUS

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RN 1068850-53-2 CAPLUS

Nea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-3-pyridinyl- (CA INDEX NAME)

 $\label{lem:urea_N-3-4-4} $$ Urea, N-3-[4-(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-2-pyridiny1- (CA INDEX NAME)$ CN

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

1068850-66-7 CAPLUS

 $\label{eq:continuity} $$ Urea, N-[3-[4-(12-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-2-pyridiny1- (CA INDEX NAME)$ 

1068851-18-2 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:937760 CAPLUS

DOCUMENT NUMBER: 136:410941

Preparation of piperidinoalkylureas as chemokine TITLE:

receptor modulators

Ko, Soo S.; Delucca, George V.; Duncia, John V.; Kim, Ui Tae; Wacker, Dean A.; Zheng, Changsheng INVENTOR(S):

PATENT ASSIGNEE(S): Dupont Pharmaceuticals Company, USA

PCT Int. Appl., 333 pp. CODEN: PIXXD2 SOURCE:

DOCUMENT TYPE: Patent

LANGUAGE: English

PATENT INFORMATION:

PA*	TENT :	NO.			KIN	D	DATE			APPL	ICAT	ION	NO.		DATE			
						-												
WO	2001	0982	70 A	2			2001	1227	W	0 20	01-X	A197	52		20010620			
W:	AE,	AG,	AL,	AM,	AT,	ΑU,	ΑZ,	BA,	BB,	BG,	BR,	ΒY,	BΣ,	CA,	CH,	CN,	CR	
	CU,	CZ,	DE,	DK,	DM,	DZ,	EE,	ES,	FI,	GB,	GD,	GE,	GH,	GM,	HR,	HU,	ID	
	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KΣ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	MA	
	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NO,	NZ,	$\mathbb{PL}_{r}$	PT,	RO,	RU,	SD,	SE,	SG,	SI	
	SK,	SL,	TJ,	TM,	TR,	TT,	TZ,	UA,	UG,	UZ,	VN,	YU,	ZA,	ZW,	AM,	ΑZ,	BY	
	KG,	KΖ,	MD,	RU,	TJ,	TM												
RW	: AT,	BE,	BF,	ΒJ,	CF,	CG,	CH,	CI,	CM,	CY,	DE,	DK,	ES,	FI,	FR,	GA,	GB	
	GR,	IE,	IT,	LU,	MC,	ML,	MR,	NE,	$\mathbb{NL},$	PT,	SE,	SN,	TD,	TG,	TR			
PRIORIT'	Y APP	LN.	INFO	.:					U	S 20	00-2	1320	8P		20000621			
									U	S 20	00-5	9740	0	2	20000621			
an mb		1							-l	. 1. 2				1		- /		

AB The title compds. were prepared as chemokine receptor modulators (no data). Thus, PhCR2C(CR2) NNRR ( $Z = piperidine-4,1-diy1)(\Gamma; R = H)(preparation given)$  was amidated by 3-(NC)C6H4NCO to give I [R = CONBC6H4(CN)-3]. (This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

1068449-78-4 1068449-79-5 1068474-45-2 1068474-48-5 1068475-29-5 1068475-30-8 1068481-34-4 1068482-61-0 1068483-88-4 1068483-90-8 1068485-36-8 1068485-40-4 1068492-23-8 1068492-29-4 1068495-24-8 1068495-28-2 1068495-29-3 1068505-84-9 1068506-67-1 1068507-04-9 1068507-05-0 1068510-35-9 1068510-51-9 1068511-49-8 1068512-13-9 1068512-14-0 1068512-53-7

L10 ANSWER 28 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068851-44-4 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068512-54-8 1068515-81-0 1068516-04-0 1068516-20-0 1068518-24-0 1068518-26-2 1068518-28-4 1068523-85-2 1068524-01-5 1068524-12-8 1068524-22-0 1068524-40-2 1068529-74-7 1068529-99-6 1068530-54-0 1068536-17-3 1068536-81-1 1068537-30-3 1068543-08-7 1068543-65-6 1068543-66-7 1068544-45-5 1068544-47-7 1068550-05-9 1068550-42-4 1068550-78-6 1068550-79-7 1068550-80-0 1068648-47-4 1068648-48-5 1068649-19-3 1068649-21-7 1068650-31-6 1068650-32-7 1068710-10-0 1068710-11-1 1068710-12-2 RL: PRPH (Prophetic) (Preparation of piperidinoalkylureas as chemokine receptor modulators) 1068449-78-4 CAPLUS

 $\label{lem:condition} {\tt Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-3-pyridinyl-n'-3-pyri$ (CA INDEX NAME)

1068449-79-5 CAPLUS

Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME)

1068474-45-2 CAPLUS

Urea, N-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068474-48-5 CAPLUS

Urea, N-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068475-29-5 CAPLUS
Urea, N-[2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-2pyridinyl- (CA INDEX NAME)

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068483-88-4 CAPLUS

Urea, N=[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068483-90-8 CAPLUS

 $\label{thm:condition} {\tt Urea, N-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-conditions} \\$ pyridinyl- (CA INDEX NAME)

RN 1068485-36-8 CAPLUS

Urea, N-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} \text{MeO} & & & \\ \hline \\ \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{NH} - \text{C} - \text{NH} - \\ \hline \\ \text{N} \end{array}$$

RN 1068475-30-8 CAPLUS

 $\label{eq:continuous} \mbox{Urea, $\mathbb{N}-[2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-$\mathbb{N}^4-4-1$.}$ pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ &$$

RN 1068481-34-4 CAPLUS CN Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

RN 1068482-61-0 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068485-40-4 CAPLUS

Urea, N-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME) CN

RN 1068492-23-8 CAPLUS

CN Urea, N-[3-[4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

Urea, N-[3-[3-[44-chloropheny1)methy1]-1-piperidiny1]propy1]-N'-3-pyridiny1- (CA INDEX NAME)

1068495-24-8 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN 1068495-28-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068495-29-3 CAPLUS

Urea, N-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068507-05-0 CAPLUS

 $\label{eq:control_of_control} $$ Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]=N'-2-pyridinyl- $$ (CA INDEX NAME) $$$ 

1068510-35-9 CAPLUS

pyridinyl- (CA INDEX NAME)

RN 1068510-51-9 CAPLUS

Orea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068505-84-9 CAPLUS

 $\label{eq:continuous} \mbox{Urea, $N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-leading and $N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-leading and $N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-leading and $N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-leading and $N-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-leading and $N-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-leading and $N-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-leading and $N-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-leading and $N-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-leading and $N-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-leading and $N-[(2,4-difluorophenyl)methyl]-N'-2-leading and and $N-[(2,4-difluorophenyl)methyl]-N'-2-leading and and and and and another and another and another and another and another a$ pyridinyl- (CA INDEX NAME)

1068506-67-1 CAPLUS RN

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068807-04-9 CAPLUS
CN Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068511-49-8 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068512-13-9 CAPLUS

Urea, N=[3-[3-[4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068512-14-0 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068512-53-7 CAPLUS
CN Urea, N-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl(CA INDEX NAME)

1068512-54-8 CAPLUS

Urea, N=[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ &$$

RN 1068515-81-0 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{NH} - \mathsf{C} - \mathsf{NH} + \mathsf{NH}$$

RN 1068518-26-2 CAPLUS

INDEX NAME NOT YET ASSIGNED

1068518-28-4 CAPLUS Urea, N-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

1068523-85-2 CAPLUS

Urea, N=[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME)

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068516-04-0 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N\*-4-pyridinyl- (CA INDEX NAME)

RN 1068516-20-0 CAPLUS

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN 1068518-24-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068524-01-5 CAPLUS

CN Urea, N-[2-[4-[(2-chloropheny1)methy1]-1-piperidiny1]ethy1]-N'-4-pyridiny1-(CA INDEX NAME)

RN 1068524-12-8 CAPLUS
CN Urea, N-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \operatorname{Cl} & \\ \operatorname{CH}_2 - \operatorname{CH}_2 - \operatorname{CH}_2 - \operatorname{NH} - \operatorname{C} - \operatorname{NH} - \\ \\ \operatorname{Cl} & \\ \end{array}$$

RN 1068524-22-0 CAPLUS

Urea, N-[2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068524-40-2 CAPLUS
CN Urea, N-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-3-pyridinyl(CA INDEX NAME)

1068529-74-7 CAPLUS RN

 $\label{eq:continuity} \textbf{Urea, } \mathbb{N}-[2-[4-[(4-\text{fluorophenyl})\,\text{methyl}]-1-\text{piperidinyl}]\\ \text{ethyl}]-\mathbb{N}'-4-\text{pyridinyl}-1-[4-[(4-\text{fluorophenyl})\,\text{methyl}]-1-[4-\text{piperidinyl}]\\ \text{otherwise}$ (CA INDEX NAME)

1068529-99-6 CAPLUS

 $\label{eq:continuous} \begin{tabular}{ll} Trea, $N-[2-[4-[(2,4-difluoropheny1)methy1]-1-piperidiny1]=N'-2-pyridiny1- (CA INDEX NAME) \\ \end{tabular}$ 

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068536-81-1 CAPLUS
CN Urea, N-[2-[4-((2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl(CA INDEX NAME)

RN 1068537-30-3 CAPLUS

 $\label{eq:continuous} \mbox{Urea, $\mathbb{N}-[2-[4-[(2,4-\mbox{dichlorophenyl})methyl]-1-piperidinyl]ethyl]-$\mathbb{N}'-2-$}$ pyridinyl- (CA INDEX NAME)

1068543-08-7 CAPLUS

Urea, N-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

#### Page 152

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068330-54-0 CAPLUS CN Utea, N-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ \end{array}$$

RN 1068536-17-3 CAPLUS

Urea, N-[2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NRME)

$$\begin{array}{c} \text{MeO} \\ \\ \text{CH}_2 \\ \\ \text{CH}_2 \\ \\ \text{CH}_2 \\ \\ \text{NH} \\ \\ \text{C-NH} \\ \\ \text{C-NH} \\ \\ \text{N} \\ \end{array}$$

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

The Nobel State Carting the State of State Continued From 106853-6-6 CARUS

CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068543-66-7 CAPLUS
CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068544-45-5 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068544-47-7 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

1068550-05-9 CAPLUS

CN (CA INDEX NAME)

1068550-42-4 CAPLUS

Urea, N-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068550-80-0 CAPLUS
CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

1068648-47-4 CAPLUS

Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{MeO} \\ \text{CH}_2 \end{array} \\ \begin{array}{c} \text{N} \\ \text{CH}_2 \end{array} \\ \begin{array}{c} \text{N} \\ \text{N} \\ \text{CH}_2 \end{array} \\ \begin{array}{c} \text{N} \\ \text{N} \\ \text{N} \end{array}$$

1068648-48-5 CAPLUS

 $\texttt{CN} \qquad \texttt{Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-}$ 

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L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c} \mathbb{F} \\ \\ \mathbb{C} \\ \mathbb{H}_2 \end{array}$$

RN 1068550-78-6 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068550-79-7 CAPLUS

RN CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3pyridinyl- (CA INDEX NAME)

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridinyl- (CA INDEX NAME)

RN 1068649-21-7 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068650-31-6 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068650-32-7 CAPLUS

L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068710-10-0 CAPLUS
Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

1068710-11-1 CAPLUS

 $\label{eq:continuity} {\tt Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-}$ pyridinyl- (CA INDEX NAME)

L10 ANSWER 30 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:937740 CAPLUS

DOCUMENT NUMBER: 136:410922

Preparation of ureidoalkylpiperidines as modulators of chemokine CCR3 receptor activity. TITLE:

INVENTOR(S):

Ko, Soo S.; Delucca, George V.; Duncia, John V.; Santella, Joseph B.; Wacker, Dean A.; Yao, Wenqing

PATENT ASSIGNEE(S): Dupont Pharmaceuticals Company, USA; Bristol-Myers

Squibb Pharmaceutical Co. PCT Int. Appl., 446 pp. SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: PATENT INFORMATION: English

PAT	ENT I	NO.			KIN	D	DATE			APPL	ICAT.	ION :	NO.		DATE			
						-												
WO:	WO 2001098269 A2						2001	1227	W	20	01-X	B197	45		20010620			
W:	ΑE,	AG,	AL,	AM,	AT,	ΑU,	AZ,	BA,	BB,	BG,	BR,	ΒY,	BΣ,	CA,	CH,	CN,	CR,	
	CU,	CZ,	DE,	DK,	DM,	DZ,	EE,	ES,	FI,	GB,	GD,	GE,	GH,	GM,	HR,	HU,	ID,	
	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KZ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	MA,	
	MD,	MG,	$MK_{t}$	MN,	MW,	MX,	MZ,	NO,	NZ,	$\mathtt{PL}_{t}$	PT,	RO,	RU,	SD,	SE,	SG,	SI,	
	SK,	SL,	$TJ_{I}$	TM,	TR,	TT,	TZ,	UA,	UG,	UZ,	VN,	YU,	ZA,	ZW				
RW:	AT,	BE,	BF,	ΒJ,	CF,	CG,	CH,	CI,	CM,	CY,	DE,	DK,	ES,	$FI_{t}$	${\mathbb F}{\mathbb R}_t$	GA,	GB,	
	GR,	IE,	IT,	LU,	MC,	ML,	MR,	NE,	$\mathbb{NL},$	PT,	SE,	SN,	TD,	TG,	TR			
PRIORITY	APP:	LN.	INFO	.:					US 2000-213051P						20000621			
	TS 2000-598821												21	0000621				

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$$\begin{array}{c|c} J-M & \mathbb{R}^4 & \mathbb{Z} \\ \begin{matrix} & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & \\ & & & \\ & &$$

[Title compds. I, M = CH2, CHR5, CHR13, CR13R13, CR5R13; Q = CH2, CHR5, CHR13, CR13R13, CR5R13; J, L = CH2, CHR5, CHR6, CR6R6, CR5R6; Z = O, S; M = CH2, CHR5, CHR13, CR13R13, CR5R13; K = CHR5, CR5R6; Z = O, S; E =  $\label{eq:chr7} \mbox{(CHR9)} \mbox{v(CR11R12); R1, R2 = H, alkyl, alkenyl, alkynyl, (substituted)}$ 

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L10 ANSWER 29 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068710-12-2 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

REFERENCE COUNT:

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 30 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) alkylcycloalkyl; R2R3 = atoms to form a (substituted) 5-7 membered ring; anxyleytolary; Ass = atoms of tofma (souscittuden Jr. membered ring), RA = mull, O, alkyl, alkenyl, alkynyl, etc.; R4 with R7, R9, or R11 = atoms to form a 5-7 membered ring; R7, R9 = R; R4R7, R4R9 = (substituted) spirocyclyl; R13 = alkyl, alkenyl, alkynyl, cycloalkyl, etc.; R11R12 = pyrrolidinyl, tetrahydrofuryl, piperidinyl, tetrahydropyranyl; v = 1, 2], were prepd. as modulators of chemokine activity (no data). Thus, 4-benzyl-1-(3-aminopropyl)piperidine (prepn. given) in THF was treated with 3-cyanophenyl isocyanate to give N-(3-cyanopheny1)-N'-[3-[4-(pheny1methy1)-1-piperidiny1)]propy1]urea. [This abstr. record is one of 15 records for this document necessitated by

the large no. of index entries required to fully index the document and publication system constraints.] 1068474-45-2 1068474-48-5 1068481-34-4

1068482-61-0 1068492-23-8 1068492-29-4 1068510-35-9 1068510-51-9 1068511-49-8

1083539-61-0 1083561-69-6

RL: PRPH (Prophetic)
(Preparation of uneidoalkylpiperidines as modulators of chemokine CCR3 receptor activity.)
RN 1068474-45-2 CAPLUS
CN Urea, N-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-

pyridinyl- (CA INDEX NAME)

1068474-48-5 CAPLUS
Urea, N-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

L10 ANSWER 30 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068481-34-4 CAPLUS
CN Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

RN 1068482-61-0 CAPEUS
CN Urea, N-[3-[3-[(2,4-dichloropheny1)methy1]-1-piperidiny1]gropy1]-N'-2pyridiny1- (CA INDEX NAME)

1068492-23-8 CAPLUS
Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

L10 ANSMER 30 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068511-49-8 CAPLUS

Urea, N-[3-[4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1083539-61-0 CAPLUS

Urea, N-4-pyridinyl-N'-[3-[3-(4-pyridinylmethyl)-1-piperidinyl]propyl]-(CA INDEX NAME)

RN 1083561-69-6 CAPLUS

Urea, N-3-pyridinyl-N'-[3-[3-(4-pyridinylmethyl)-1-piperidinyl]propyl]-(CA INDEX NAME)

L10 ANSWER 30 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068492-29-4 CAPLUS

Urea, N-[3-[4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-pyridinyl- (CA INDEX NUME)

RN 1068510-35-9 CAPLUS

Urea, N-[3-[3-[(2-chloropheny1)methy1]-1-piperidiny1]propy1]-N'-4-pyridiny1- (CA INDEX NAME) CN

RN 1068510-51-9 CAPLUS

L10 ANSWER 30 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

REFERENCE COUNT:

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:937739 CAPLUS 136:410921

DOCUMENT NUMBER:

Preparation of ureidoalkylpiperidines as modulators of

chemokine CCR3 receptor activity.

Ko, Soo S.; Delucca, George V.; Duncia, John V.;
Santella, Joseph B.; Wacker, Dean A.; Yao, Wenqing INVENTOR(S): PATENT ASSIGNEE(S): Dupont Pharmaceuticals Company, USA; Bristol-Myers

Squibb Pharmaceutical Co. SOURCE:

PCT Int. Appl., 446 pp. CODEN: PIXXD2

DOCUMENT TYPE: LANGUAGE: English

PATENT INFORMATION:

PAT	PATENT NO.						DATE			APPL	ICAT	ION :	NO.		D	ATE		
						-									-			
WO	2001	0982	69 A	2			2001	1227	W	20	01-X	A197	45		21	0010	520	
W:	AE,	AG,	AL,	AM,	AT,	AU,	AZ,	BA,	BB,	BG,	BR,	BY,	BZ,	CA,	CH,	CN,	CR,	
	CU,	CZ,	DE,	DK,	DM,	DZ,	EE,	ES,	FI,	GB,	GD,	GE,	GH,	GM,	HR,	HU,	ID,	
	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KZ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	MA,	
	MD,	MG,	MK,	MN,	MW,	MX,	ΜZ,	NO,	NZ,	PL,	PT,	RO,	RU,	SD,	SE,	SG,	SI,	
	SK,	SL,	TJ,	TM,	TR,	TT,	TZ,	UA,	UG,	UZ,	VN,	YU,	ZA,	ZW				
RW:	AT,	BE,	BF,	BJ,	CF,	CG,	CH,	CI,	CM,	CY,	DE,	DK,	ES,	FI,	FR,	GA,	GB,	
	GR,	IE,	IT,	LU,	MC,	ML,	MR,	NE,	NL,	PT,	SE,	SN,	TD,	TG,	TR			
PRIORITY	APP	LN.	INFO	. :					US 2000-213051P							20000621		
									U	3 20	00-5	9882	1	2000063				

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$$\begin{bmatrix} J-M & R^4 & & & & \\ K & N & & & & \\ L-Q & E-N & & & NR^2R^3 & \end{bmatrix}$$

L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (Preparation of ureidoalkylpiperidines as modulators of chemokine CCR3 receptor activity.) 1068449-78-4 CAPLUS

 $\label{eq:conditional} {\tt Urea, \ N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-3-pyridinyl-1-piperid$ (CA INDEX NAME)

1068449-79-5 CAPLUS

Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME)

-CH2-CH2-NH-C

1068475-29-5 CAPLUS

Urea, N-[2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{MeO.} \\ \\ \text{CH}_2 \\ \\ \text{CH}_3 \\ \\ \text{CH}_4 \\ \\ \text{CH}_5 \\ \\ \text{CH}_6 \\ \\$$

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L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Title compds. I; M = CR2, CR5, CR3, CR5R13, CR13R13, CR5R13; Q = CR2, CR5, CRR13, CR13R13, CR5R13; J, L = CR2, CR5, CR6, CR66, CR56; Z = O, S; M = CR2, CR7, CR813, CR13R13, CR5R13, CR5R13; K = CR7, CR5R6; Z = O, S; E = (CHR7)(CHR9)v(CR11R12); R1, R2 = H, alkyl, alkenyl, alkynyl, (substituted) alkylcycloalkyl; R2R3 = atoms to form a (substituted) 5-7 membered ring; aRylytodany, and a common contractive of the state of the = alkyl, alkenyl, alkynyl, cycloalkyl, etc.; RIIR12 = pyrrolidinyl, tetrahydrofuryl, piperidinyl, tetrahydropyranyl; v = 1, 2], were prepared as modulators of chemokine activity (no data). Thus,  $\hbox{$4$-benzyl-1-(3-aminopropyl)piperidine (preparation given) in THF was treated}\\$ with 3-cyanophenyl isocyanate to give N-(3-cyanophenyl)-N'-[3-[4-(phenylmethyl)-1-piperidinyl]propyl]urea. [This abstract record is one of 15 records for this document necessitated by

the large number of index entries required to fully index the document and publication system constraints.] 1068449-78-4 1068449-79-5 1068475-29-5

1068475-30-8 1068483-88-4 1068483-90-8 1068485-36-8 1068485-40-4 1068495-24-8 1068495-28-2 1068495-29-3 1068505-84-9 1068506-67-1 1068507-04-9 1068507-05-0 1068512-13-9 1068512-14-0 1068512-53-7 1068512-54-8 1068515-81-0 1068516-04-0 1068516-20-0 1068518-24-0 1068518-26-2 1068518-28-4 1068523-85-2 1068524-01-5 1068524-12-8 1068524-22-0 1068524-40-2 1068529-74-7 1068529-99-6 1068530-54-0 1068536-17-3 1068536-81-1 1068537-30-3 1068543-08-7 1068543-65-6 1068543-66-7 1068544-45-5 1068544-47-7 1068550-05-9 1068550-42-4 1068550-78-6 1068550-79-7 1068550-80-0 1068648-47-4 1068648-48-5 1068649-19-3 1068649-21-7 1068650-31-6 1068650-32-7 1068710-10-0 1068710-11-1 1068710-12-2 RL: PRPH (Prophetic)

L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068475-30-8 CAPLUS
CN Urea, N-[2-[3-((3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

1068483-88-4 CAPLUS

1068483-90-8 CAPLUS

Urea, N-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME)

 $\texttt{CN} \qquad \texttt{Urea, N-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-1-piperidinyl$ 

L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (CA INDEX NAME)

RN 1068485-40-4 CAPLUS
CN Urea, N-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl(CA INDEX NAME)

RN 1068495-24-8 CAPLUS CN INDEX NAME NOT YET ASSIGNED

$$\begin{array}{c|c} & & & \\ &$$

RN 1068495-28-2 CAPLUS

L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 106850-6-7-1 CAPUIS
CN Urea, N-[3-[3-((2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068507-04-9 CAPLUS

Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068507-05-0 CAPLUS
CN Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2pyridinyl- (CA INDEX NAME)

RN 1068512-13-9 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

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L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CN INDEX NAME NOT YET ASSIGNED

RN 1068495-29-3 CAPLUS CN Urea, N-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

RN 1068505-84-9 CAPLUS
CN Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068512-14-0 CAPLUS
Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3pyridinyl- (CA INDEX NAME)

1068512-53-7 CAPLUS

Urea, N-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME) CN

RN 1068512-54-8 CAPLUS

 $\label{lem:urea} \mbox{Urea, $N-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-$N'-4-pyridinyl-$N'-4-py$ (CA INDEX NAME)

RN 1068515-81-0 CAPLUS
CN Urea, N=[3-[3-((4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

1068516-04-0 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068516-20-0 CAPLUS

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068523-85-2 CAPLUS

Urea, N-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME)

1068524-01-5 CAPLUS
Urea, N-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl(CA INDEX NAME)

 $\label{lem:continuous} $$ \operatorname{N-[2-[4-[(2,4-\operatorname{dichlorophenyl})methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-$$ $$ $$ (CA INDEX NAME)$$ 

L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068518-24-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068518-26-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ \end{array}$$

1068518-28-4 CAPLUS

Urea, N-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA THIDEX NAME)

L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c} \text{Cl} \\ \text{CH}_2 \\ \text{CH}_2 \\ \end{array} \\ \text{N} \begin{array}{c} \text{CH}_2 \\ \text{CH}_2 \\ \text{NH} \\ \end{array} \\ \begin{array}{c} \text{N} \\ \text{CH}_2 \\ \text{CH}_2 \\ \end{array} \\ \text{N} \begin{array}{c} \text{N} \\ \text{N} \\$$

RN 1068524-22-0 CAPLUS

Urea, N-[2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N^-4-pyridinyl- (CA INDEX NAME)

1068524-40-2 CAPLUS

 $\label{thm:condition} \mbox{Urea, $N-[2-[4-[(4-chloropheny1)methy1]-1-piperidiny1]ethy1]-$N$'-3-pyridiny1-piperi$ (CA INDEX NAME)

CN Urea, N=[2-[4-[(4-fluoropheny1)methyl]-1-piperidiny1]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

RN 1068529-99-6 CAPLUS
CN Urea, N-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2pyridinyl- (CA INDEX NAME)

1068530-54-0 CAPLUS

 $\label{thm:continuous} \mbox{Urea, $N-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-$N'-2-pyridinyl-$N$ (CA INDEX NAME)

RN 1068536-17-3 CAPLUS

L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068543-08-7 CAPLUS

Urea, N-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

$$\begin{array}{c|c} \operatorname{Cl} & \circ & \circ \\ & \operatorname{CH}_2-\operatorname{CH}_2-\operatorname{NH}-\operatorname{C-NH} \\ \end{array}$$

RN 1068543-65-6 CAPLUS
CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

1068543-66-7 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CN Urea, N-[2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\mathsf{MeQ} = \mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{NH} - \mathsf{C} - \mathsf{NH} = \mathsf{NH}$$

RN 1068536-81-1 CAPLUS

CN Urea, N-[2-[4-(2-chloropheny1)methy1]-1-piperidiny1]ethy1]-N'-2-pyridiny1(CA INDEX NAME)

$$\bigcap_{\mathrm{C1}} \mathrm{CH}_2 - \bigcap_{\mathrm{N-CH}_2 - \mathrm{CH}_2 - \mathrm{NH-C-NH-N}} \bigcap_{\mathrm{N-C1}} \mathrm{CH}_2 - \bigcap_{\mathrm{N-C1}} - \bigcap_{\mathrm{N-C1}} \mathrm{CH}_2 - \bigcap_{\mathrm{N-C1}} - \bigcap_{\mathrm{N-C1}} \mathrm{CH}_2 - \bigcap_{\mathrm{N-C1}} - \bigcap_{\mathrm{N-$$

RN 1068537-30-3 CAPLUS

Urea, N-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068544-45-5 CAPLUS
CN Urea, N-[3-[4-[(2-fluoropheny1)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

RN 1068544-47-7 CAPLUS

 $\label{thm:condition} \mbox{Urea, $\mathbb{N}-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}^4-4-1-piperidinyl]} = \mathbb{N}^4-4-1-\mathbb{N}^4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-1-\mathbb{N}^4-4-1-\mathbb{N}^4-1-\mathbb{N$ pyridinyl- (CA INDEX NAME)

RN 1068550-05-9 CAPLUS CN Urea, N-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-

RN 1068550-42-4 CAPLUS
CN Urea, N-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

1068550-78-6 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068550-79-7 CAPLUS

L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068649-48-5 CAPLUS
CN Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068649-19-3 CAPLUS
CN Urea, N-[3-[4-[(2,4-dichloropheny1)methy1]-1-piperidiny1]propy1]-N'-2pyridiny1- (CA INDEX NAME)

1068649-21-7 CAPLUS

Orea, N-[3-[4-(12,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

Page 160

L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068550-80-0 CAPLUS
CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068648-47-4 CAPLUS

Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{MeO} \\ \text{CH}_2 \\ \text{CH}_2 \\ \end{array}$$

L10 ANSWER 31 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1060850-31-6 CAPLUS
CN Urea, N-[3-[4-[(2-chloropheny1)methyl]-1-piperidiny1]propy1]-N'-2pyridiny1- (CA INDEX N&ME)

RN 1068650-32-7 CAPLUS

 $\label{eq:continuous} \mbox{Urea, $\mathbb{N}-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-$\mathbb{N}^4-4-1000$ and $\mathbb{N}^4-4-1000$ are $\mathbb{N}^4-4-10000$ are $\mathbb{N}^4-4-10000$ are $\mathbb{N}^4-4-10000$ are $\mathbb{N}^4$ pyridinyl- (CA INDEX NAME)

RN 1068710-10-0 CAPLUS
CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

1068710-11-1 CAPLUS Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-pyridinyl- (CA INDEX NAME) CN

1068710-12-2 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 32 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) US 2001-885550 A3 20010620 WO 2001-US19705 W 20010620

MARPAT 136:53686 OTHER SOURCE(S):

Title compds. I [M = absent CH2, CHR5, CHR13, CR13R13, and CR5R13; Q = IRLE COMPAS. I ME - ADSENT LAW, LARS, LARIS, LARISH, KURISH, AND KORNEY Q = CRE, CHRS, CHRS, CHRS, CRES, CRE C:O-cycloalkyl; etc.; RS = alkylamino, alkyl-carbocyclic, etc.; R5 = alkyl-carbocyclic; R6 = alk(en/yn)yl, alkyl-cycloalkyl, CN, alkylamino, alkyl-hydroxy, etc.; R13 = alk(en/yn)yl, cycloalkyl, alkyl-CF3, alkylamino, alkyl-alkoxy; etc.] were prepared Over 80 synthetic examples were disclosed. For instance, (1R, 2R)-2-(benzyloxycarbonylamino)cyclohexanecarboxaldehyde (preparation given) was

II

L10 ANSWER 32 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:935573 CAPLUS 136:53686

DOCUMENT NUMBER:

Synthesis of piperidine-amido-ureas as modulators of

chemokine receptor activity
Duncia, John V.; Santella, Joseph B.; Wacker, Dean A.; INVENTOR(S):

Yao, Wenqing; Zheng, Changsheng Dupont Pharmaceuticals Company, USA PCT Int. Appl., 326 pp. PATENT ASSIGNEE(S):

SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

PA	TENT :	NO.			KIND DATE				APPI	ICAT								
	2001									WO 2	2001-	US19	705		20010620			
WO.	2001	0982	68		A3		2002	8080										
	W:	ΑE,	AG,	AL,	AM,	ΑT,	AU,	ΑZ,	BA,	BB,	BG,	BR,	ΒY,	BΖ,	CA,	CH,	CN,	
		CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EE,	ES,	FI,	GB,	GD,	GE,	GH,	GM,	HR,	
		HU,	ID,	IL,	IN,	IS,	J₽,	KE,	KG,	KP,	KR,	KΣ,	LC,	LK,	LR,	LS,	LT,	
		LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NO,	NZ,	PL,	PT,	RO,	RU,	
		SD,	SE,	SG,	SI,	SK,	SL,	IJ,	TM,	TR,	TT,	TZ,	UA,	UG,	UZ,	VN,	YU,	
		ZA,	ZW															
	RW:	GH,	GM,	KE,	LS,	MW,	MZ,	SD,	SL,	SZ,	TZ,	UG,	ZW,	AT,	BE,	CH,	CY,	
		DE,	DK,	ES,	FI,	FR,	GB,	GR,	IE,	IT,	LU,	MC,	NL,	PT,	SE,	TR,	BF,	
		ΒJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	G₩,	ML,	MR,	NE,	SN,	TD,	TG			
CA	2413	418			A1 20011227					CA 2	2001-		2	0010	620			
US	2002	0156	102		A1 20021024					US 2	2001-		20010620					
US	6638	950			B2		2003	1028										
EP	1296	949			A2		2003	0402		EP 2	2001-	9465	80		2	0010	620	
	R:	AT,	BΕ,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,	
		IE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL,	TR							
JP	JP 2004516237						2004	0603		JP 2	2002-	5042	24		2	0010	620	
US	US 20040082790								US 2003-635946		46				807			
US	6984		B2 20060110															
PRIORIT	RIORITY APPLN. INFO.:									US 2	2000-	2130	66P		P 2	0000	621	

L10 ANSWER 32 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) oxidized to the corresponding carboxylic acid (NaOAc/HOAc, pH 3.5, CH3CN, resorcinol, NaClO2, 0°C, 16 h) and condensed with resorcinol, NaClO2, 0°C, 16 h) and condensed with (S)-3-(4-fluorobenzyl)piperiddine (prepn. given; CH2Cl2, BOP, Et3N, 0°C, 16 h) to give the amide. The intermediate Cox group was removed (MeOH, 10% Pd/C, 50 psi H2, overnight) and the amine acylated with 3-acetylphenylisocyanate (THF, 25°C) to give example compd. II. I are modulators of chemokine receptor activity and are useful in the prevention of asthma and other allergic diseases.

382637-31-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(drug; synthesis of piperidine amides as modulators of chemokine receptor activity)

382637-31-2 CAPLUS Urea, N-[(1R)-3-[(3S)-3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-methyl-3oxopropyl]-N'-4-pyridinyl- (CA INDEX NAME)

Absolute stereochemistry.

REFERENCE COUNT:

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT L10 ANSWER 33 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN 2001:507689 CAPLUS 135:92860

ACCESSION NUMBER: DOCUMENT NUMBER:

Preparation of piperidine-substituted amino-acids for

use in treatment of CGRP-mediated disorders Rudolf, Klaus; Eberlein, Wolfgang; Dreyer, Alexander;

INVENTOR(S): Muller, Stephan Georg; Doods, Henri; Bauer, Eckhart Boehringer Ingelheim Pharma K.-G., Germany PCT Int. Appl., 153 pp. PATENT ASSIGNEE(S):

SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

PAT	ENT	NO.			KIND DATE						LICAT							
WO	2001	0496									2000-				2	0001	222	
	W:	AE,	AG,	AL,	AM,	ΑT,	AU,	AΖ,	BA,	ВВ	, BG,	BR,	BY,	BΖ,	CA,	CH,	CN,	
		CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EE,	ES	, FI,	GB,	GD,	GE,	GH,	GM,	HR,	
		HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP	, KR,	KZ,	LC,	LK,	LR,	LS,	LT,	
		LU,	${\tt LV}_t$	ΜA,	MD,	MG,	MK,	MN,	MW,	ΜX	, MZ,	NO,	NZ,	$\mathbb{PL}_{t}$	PT,	RO,	RU,	
		SD,	SE,	SG,	SI,	SK,	SL,	TJ,	ΤM,	TR	, TT,	TZ,	UA,	UG,	US,	UZ,	VN,	
		YU,	$\mathbb{Z}\mathbb{A}_{r}$	ZW														
	RW:	GH,	GM,	KE,	LS,	MW,	MZ,	SD,	SL,	SZ	, TZ,	UG,	ZW,	AT,	BE,	CH,	CY,	
		DE,	DK,	ES,	FI,	FR,	GB,	GR,	IE,	IT	, LU,	MC,	$\mathbb{NL}_{r}$	PT,	SE,	TR,	BF,	
		ΒJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GW,	ML	, MR,	NE,	SN,	TD,	TG			
DE	1996	3868			A1		2001	0712		DΕ	1999-	1996	3868		1	9991	230	
CA	2395	541			A1	A1 20010712				CA	2000-	2395	541		2	0001	222	
	2395																	
${\tt BR}$	2000	0170	63		A		2002	1022		BR	2000-		20001222					
EΡ	1252	153			A1		2002	1030		EΡ	2000-	9918	06		2	0001	222	
	R:	${\rm AT}_{I}$	$\mathtt{BE}_{t}$	CH,	DE,	DK,	ES,	$FR_{I}$	GB,	GR	, IT,	LI,	LU,	${\rm NL}_{\rm r}$	SE,	MC,	$\mathbb{PT}_{t}$	
		IE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL	, TR							
HU	HU 2003000002				A2		2003	0528		HU	2003-	2			2	0001	222	
HU	2003	0000	02		A3		2006	0130										
JP	2003		T		2003	0617	7 JP 2001-550216											
$\mathbb{E}\mathbb{E}$	EE 200200369						2003	1015		EE	2002-	369			20001222			

L10 ANSWER 33 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) tautomers, diastereomers, enantiomers, mixts., and to their salts, in particular, their physiol. compatible salts with inorg. or org. acids or bases, which comprise valuable pharmacol. properties, in particular, CGRP-antagonistic properties. The invention also relates to medicaments contra-integorisate projecties. The invention also feates to medicalement contra, these compds., to their use and to methods for the prodn. thereof; formulations were given. Prepn. of fragments COME(R2)AC(DR1, and A or Al substituents were given. Thus (R,S)-4-(4-amino-3,5-dibronopheny1)-2-[(1,1-dimethylethoxy carbony1)methylamino|-4-oxo-butanoic acid was reacted with 3-(piperidiny1)-1,3,4,5-tetanhydro-1,3-benzodiazepin-2(28)-one to give 1 (R = 1,3,4,5-tetralhydro-1,3-benzodiazepin-2(2H)-one; Rl = 4-anino-3,5-dibromophenyl; R2 = H; A = (1,1-dimethylethoxy-carbonylmethylamino; Al = H). In in vitro tests using St-McC cells as tests of human CGRP-receptor binding affinity, I had TC50 \$10000 nM, and acted as CGRP antagonists at dosages between 10-11 - 10-5 M.

May 349535-73-5P
RL: BMC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of piperidine-substituted amino-acids for use in treatment of

CGRP-mediated disorders) 349535-73-5 CAPLUS

Urea, N-[3-(4-amino-3,5-dibromophenyl)-3-oxo-1-[[4-(1,2,4,5-tetrahydro-2oxo-3H-1,3-benzodiazepin-3-yl)-1-piperidinyl]carbonyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

IJO ANSWER S	33 OF 60 CAPL	מעמרט פו	IGHT 2009 I	וף מה פחנ	'M (Con	tir	ued)
CN 12030			50525 CI				20001222
AU 7832	75 1	32 200	51006 A	J 2001-35	379		20001222
NZ 51993	39 i	200	60831 N	2000-51	.9939		20001222
IL 1503	77 1	200	70617 II	2000-15	0377		20001222
TW 25526	57 1	3 200	60521 T	v 2000-89	128135		20001228
IN 2002N	M00796 i	200	50304 II	7 2002-M	1796		20020614
BG 10684	18 i	200	21229 B	3 2002-10	16848		20020620
ZA 20020	005181 /	200	30930 Zi	2002-51	.81		20020627
NO 20020	003161 1	200	20628 N	2002-31	.61		20020628
NO 32370	00 1	31 200	70625				
MX 20020	006509 i	A 200	21129 M	2002-65	09		20020628
US 20030	0212057 1	1 200	31113 U:	3 2002-16	9009		20021107
US 69495	541 1	32 200	50927				
HK 10540	126	1 200	50916 H	< 2003-10	06237		20030901
IN 2007	MN00174 i	1 200	70817 II	1 2007-M	1174		20070202
PRIORITY APPI	N. INFO.:		DI	1999-19	963868	Α	19991230
			W	2000-EF	13236	W	20001222
			II	1 2002-M	1796	A3	20020614

OTHER SOURCE(S): MARPAT 135:92860

AB The invention relates to piperidine-substituted  $\alpha-$  or  $\beta\text{-amino}$ acids [(I); R = (un)saturated (un)substituted heterocycle; RI = Ph, naphthyl, (un)substituted heterocycle; R2 = H, alkyl; A, A1 = H; when one of A or A1 = H, the other = NHZ2 , 1,4'-bipiperidyl, alkylamino, N(R3)(2-R4)(forming (substituted)  $\alpha$ - or  $\beta$ -amino acid); R3 = H, alkyl; Z = C(O), SO2; R4 = alkoxy, amino, (di)alkylamino, substituted heterocycle] their

L10 ANSWER 33 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} & & & \\ & & & \\$$

REFERENCE COUNT:

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 34 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911767 CAPLUS 133:368975

DOCUMENT NUMBER:

Preparation of N-ureidoalkyl-piperidines as modulators

of chemokine receptor activity Ko, Soo S.; Delucca, George V.; Duncia, John V.; Santella, Joseph B., III; Wacker, Dean A.; Watson, INVENTOR(S):

Paul S.; Varnes, Jeffrey G. Du Pont Pharmaceuticals Company, USA

PATENT ASSIGNEE(S):

SOURCE: PCT Int. Appl., 394 pp. CODEN: PIXXD2

DOCUMENT TYPE: LANGUAGE: English

PATENT INFORMATION:

PAT	ENT		KIN	D	DATE		i	APPL	DATE									
WO	2000	0354	51 A	1			2000	0622	WO 1999-XL30332						19991217			
W:	AL,	AU,	BR,	CA,	CN,	CZ,	EE,	HU,	IL,	IN,	JP,	KR,	LT,	LV,	MK,	MX,	NO	
	NZ,	PL,	RO,	SG,	SI,	SK,	TR,	UA,	VN,	ZA,	AM,	AZ,	BY,	KG,	KΣ,	MD,	RU	
	mr	CTR 4																

TJ, TM RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE US 1998-112717P US 1999-161243P 19991022

GI

L10 ANSWER 34 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4pyridinyl- (CA INDEX NAME)

1068923-15-8 CAPLUS

News, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068923-37-4 CAPLUS

 ${\tt Urea, \ N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-1-phenylpropyll-1-phenylpropy$ N'-4-pyridinyl- (CA INDEX NAME)

Urea, N=[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 34 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

The title compds. [I, M = absent, CH2, CH(CH2Ph), etc,; Q = CH2, CH(CB2Ph), etc.; J, K, L = CH2, CH(CB2Ph), etc.; Z = 0, S; E = (CH2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un)substituted 5-7 membered ring; R3 = (un)substituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], AB modulators of CCR3 useful for the prevention of asthma and other allergic diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/day (oral dosage). [This abstract record is one of 17 records for this document necessitated by the large number of index entries required to fully index the document and

publication system constraints.] 1068918-49-9 1068923-15-8 1068923-37-4 1068923-59-0 1068937-82-5 1068938-64-6 1068943-19-0 1068943-30-5 1068943-41-8 RL: PRPH (Prophetic)

(Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity

RN 1068918-49-9 CAPLUS

L10 ANSWER 34 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068937-82-5 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2pyridinyl- (CA INDEX NAME)

1068938-64-6 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-3pyridinyl- (CA INDEX NAME)

L10 ANSWER 34 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068943-30-5 CAPLUS

 $\label{eq:continuity} $$ Urea, N=(3-[4-(12,4-dichlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME).$ 

$$\begin{array}{c} \text{C1} & \text{Ph} & \text{O} \\ \text{CH}_2\text{--}\text{CH}_2\text{--}\text{CH}-\text{NH--}\text{C}-\text{NH--}\text{NH--}\text{C} \\ \text{N} & \text{CI} \end{array}$$

 $\label{local-point} 1068943-41-8 \quad \text{CAPLUS} \\ \text{Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-} \\ \text{The substitution of the property of the pro$ 2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 35 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

2000:911766 CAPLUS

DOCUMENT NUMBER: 133:368974

Preparation of N-ureidoalkyl-piperidines as modulators TITLE:

Ko, Soo S.; Delucca, George V.; Duncia, John V.; Santella, Joseph B., III; Wacker, Dean A.; Watson, INVENTOR(S):

Paul S.; Varnes, Jeffrey G. Du Pont Pharmaceuticals Company, USA PATENT ASSIGNEE(S):

SOURCE: PCT Int. Appl., 394 pp.

CODEN: PIXXD2 DOCUMENT TYPE: Patent

LANGUAGE: PATENT INFORMATION: English

PATENT NO. KIND DATE APPLICATION NO. DATE ----WO 2000035451 A1 20000622 WO 1999-XK30332 W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, M: AT, BE, CB, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, FT, SE RITY APPLN. INFO:: US 1998-112717P 19981218 PRIORITY APPLN. INFO.: US 1999-161243P 19991022

L10 ANSWER 34 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT REFERENCE COUNT:

L10 ANSWER 35 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

AB The title compds. [I, M = absent, CH2, CH(CH2Fh), etc.; Q = CH2, CH(CH2Fh), etc.; J, K, L = CH2, CH(CH2Fh), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un)substituted 57 membered ring; R3 = (un)substituted Fh, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases were prepared and formylated F. Rg a multi-step cumthesis of U. diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/day (oral dosage). This abstract record is one of 17 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

PUBLICATION SYSTEM CONSTRAINTS.]
1068806-54-1 1068806-55-2 1068806-56-3
1068813-17-1 1068813-18-2 1068816-66-9
1068815-67-0 1068817-20-8 1068817-21-9
1068817-22-0 1068854-65-8 1068854-87-4
1068859-01-7 1068859-96-0 1068863-09-1 1068863-10-4 1068872-95-6 1068873-23-3 1068873-45-9 1068878-18-1 1068878-46-5 1068881-30-0 1068881-54-8 1068912-12-8 1068912-40-2 1068915-03-6 1068915-16-1 1068915-26-3 1068915-63-8 1068915-77-4 1068916-73-3 1068917-76-9 1068921-23-2

L10 ANSWER 35 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068929-96-3 1068930-55-1 1068937-21-2 1068938-05-5 1068938-17-9 1068938-28-2

RL: PRPH (Prophetic)

(Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity)

 $\label{lem:continuity} $$ \operatorname{N-[3-[4-(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-3-pyridiny1- (CA INDEX NAME) $$$ 

1068806-55-2 CAPLUS
Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068806-56-3 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 35 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068816-67-0 CAPLUS

Urea, N-[3-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-4-pyridiny1- (CA INDEX NAME)

RN 1068817-20-8 CAPLUS
CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

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L10 ANSWER 35 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068813-17-1 CAPLUS
CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068813-18-2 CAPLUS

 ${\tt Urea, N-[3-[4-[(2,4-{\tt difluorophenyl})\,methyl]-1-piperidinyl]-2-hydroxy-1-nethyllorentering} \\$ (phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068816-66-9 CAPLUS

L10 ANSWER 35 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068817-22-0 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068854-65-8 CAPLUS

 $\label{lem:continuous} $$ Urea, N-[3-[4-[(2,4-dichloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-4-pyridiny1- (CA INDEX NAME)$ CN

RN 1068854-87-4 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME

1068859-01-7 CAPLUS

 $\label{lem:condition} $$ U=a, \mathbb{N}_{2-\text{hydroxy}-3-[4-[(3-\text{methoxypheny1})\text{methy1}]-1-\text{piperidiny1}]-1-(\text{pheny1methy1})\text{propy1}-\mathbb{N}'-2-\text{pyridiny1}- (CA INDEX NAME)}$ 

1068859-96-0 CAPLUS

Urea, N-[3-[4-([0,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{OH} \quad \text{CH}_2-\text{Ph} \\ \text{OH} \quad \text{CH}_2-\text{CH} \\ \text{OH} \quad \text{CH}_2-\text{CH}-\text{CH} \\ \text{OH} \\ \text{OH} \end{array}$$

L10 ANSWER 35 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068873-23-3 CAPLUS
Urea, N-[3-[3-[(2-fluoropheny1)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

 $\label{eq:continuous} \begin{tabular}{ll} 1068873-45-9 & CAPLUS \\ Urea, & N-[3-[3-[(2,4-difluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(pheny1methy1)propy1]-N'-2-pyridiny1- & (CA INDEX NAME) \\ \end{tabular}$ 

1068878-18-1 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

 $\label{thm:condition} \mbox{Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidiny$ 

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L10 ANSWER 35 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068863-09-1 CAPLUS
CN Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068863-10-4 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068872-95-6 CAPLUS

 $\label{lem:urea} $$ \Pi_{-3-[3-[4-fluoropheny1]methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-$N^-3-pyridiny1- (CA INDEX NAME) $$$ CN

L10 ANSWER 35 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068881-54-8 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

1068912-12-8 CAPLUS RN

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4pyridinyl- (CA INDEX NAME)

L10 ANSWER 35 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068912-40-2 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068915-03-6 CAPLUS
Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 35 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068916-73-3 CAPLUS

Urea, N-[3-[3-[4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068917-76-9 CAPLUS

 ${\tt Urea, \ N-[3-[4-[\ (2,4-{\tt difluorophenyl})\,methyl]-1-piperidinyl]-1-phenylpropyl]-1-phenylpropyll-1-phen$ N'-4-pyridinyl- (CA INDEX NAME)

 $\begin{tabular}{ll} Urea, $N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-2-pyridinyl---(CA INDEX NAME) \\ \end{tabular}$ 

L10 ANSWER 35 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068915-26-3 CAPLUS
CN Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068915-63-8 CAPLUS
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068915-77-4 CAPLUS
CN Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 35 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068929-96-3 CAPLUS

Urea, N-[3-[4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068930-55-1 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068937-21-2 CAPLUS

 $\label{thm:condition} \mbox{Urea, $\mathbb{N}-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-$\mathbb{N}'-2-$}$ pyridinyl- (CA INDEX NAME)

L10 ANSWER 35 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

1068938-05-5 CAPLUS

Urea, N-[3-[4-([4-flooropheny1)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

 $\label{local_control} 1068938-17-9 \quad \texttt{CAPLUS} \\ \textbf{Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N^-2-phenylpropyl]-N^-2-phenylpropyll-N^-2$ pyridinyl- (CA INDEX NAME)

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911765 CAPLUS

DOCUMENT NUMBER: 133:368973

Preparation of N-ureidoalkyl-piperidines as modulators TITLE:

INVENTOR(S):

No chemokine receptor activity
No, Soo S.; Delucca, George V.; Duncia, John V.;
Santella, Joseph B., III; Wacker, Dean A.; Watson,

Paul S.; Varnes, Jeffrey G. Du Pont Pharmaceuticals Company, USA PATENT ASSIGNEE(S):

SOURCE: PCT Int. Appl., 394 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent English

LANGUAGE: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE WO 2000035451 A1 20000622 WO 1999-XJ30332 W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE PRIORITY APPLN. INFO.: 19981218 US 1999-161243P 19991022

L10 ANSWER 35 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068938-28-2 CAPLUS

Nea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{Ph} \\ \text{OH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH} - \text{NH} - \text{C} - \text{NH} \\ \text{N} \end{array}$$

REFERENCE COUNT:

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

AB The title compds. [I, M = absent, CH2, CH(CH2Fh), etc.; Q = CH2, CH(CH2Fh), etc.; J, K, L = CH2, CH(CH2Fh), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un)substituted 57 membered ring; R3 = (un)substituted Fh, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases were prepared and formylated F. Rg a multi-step cumthesis of U. diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/day (oral dosage). This abstract record is one of 17 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

1068836-71-4 1068836-72-5 1068841-09-7 1068841-10-0 1068845-00-0 1068845-01-1 1068845-22-6 1068845-23-7 1068845-24-8 1068852-37-8 1068852-38-9 1068855-40-2 1068855-41-3 1068859-61-9 1068859-62-0 1068859-63-1 1068887-73-9 1068889-12-2 1068892-40-9 1068892-54-5 1068892-65-8 1068892-76-1 1068905-26-9 1068907-26-5 1068907-36-7 1068907-73-2 1068910-81-5 1068911-04-5 1068916-89-1 1068917-18-9 1068917-39-4 1068917-61-2 1071473-57-8

#### 06/05/2009

### 10-573,516-1.trn

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1071473-79-4 1071474-30-0 1071493-27-0 1071494-42-2 1071515-69-9 1071516-11-4 1071765-99-5 1071766-00-1 1071766-01-2

1071782-22-3 1071782-24-5 1071790-81-2 1071790-85-6 1071793-79-7 1071793-80-0

1072442-93-3 1072443-00-5 1072443-01-6 1072451-14-9 1072451-17-2 1072456-32-6 1072456-33-7 1075238-45-7 1075239-77-8

1075241-31-4 1075242-95-3 1075244-05-1 1075245-94-1 1075246-10-4 1075246-42-2 1075249-62-5

RL: PRPH (Prophetic)
(Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity)

RN 1068836-71-4 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068836-72-5 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068845-01-1 CAPLUS

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068845-22-6 CAPLUS
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068845-23-7 CAPLUS
Urea, N-[3-[3-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068841-09-7 CAPLUS

Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068841-10-0 CAPLUS

Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068845-00-0 CAPLUS

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068845-24-8 CAPLUS

Urea, N-[3-[3-[4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068852-37-8 CAPLUS
CN Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068852-38-9 CAPLUS
Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068855-40-2 CAPLUS

phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068855-41-3 CAPLUS Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068889-12-2 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068892-40-9 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068892-54-5 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068859-62-0 CAPLUS
CN Urea, N-[3-[3-[(4-fluoropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068859-63-1 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RM 1068887-73-9 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068892-65-8 CAPLUS

Urea, N-[3-[4-((2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN 1068892-76-1 CAPLUS
CN Uzea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyxidinyl- (CA INDEX NAME)

RN 1068905-26-9 CAPLUS
CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068907-26-5 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068907-36-7 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068916-89-1 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068917-18-9 CAPLUS

Orea, N-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-phenylpropy1]-N'-2-pyridiny1- (CA INDEX NAME)

RN 1068917-39-4 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

#### Page 171

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068907-73-2 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068910-81-5 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

1068911-04-5 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1069917-61-2 CAPLUS
CN Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1071473-57-8 CAPLUS
CN Urea, N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1071473-79-4 CAPLUS

Urea, N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

1071474-30-0 CAPLUS
Urea, N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1071493-27-0 CAPLUS

Urea, N-[1-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1071765-99-5 CAPLUS

 $\label{lem:urea} $$ Urea, N-[1-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)$ 

1071766-00-1 CAPLUS

Urea, N-[1-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

1071766-01-2 CAPLUS

Urea, N-[1-[2-[4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

# Page 172

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1071494-42-2 CAPLUS
CN Urea, N-[1-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1071515-69-9 CAPLUS

Urea, N-[1-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

RN 1071516-11-4 CAPLUS
CN Urea, N-[1-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1071782-22-3 CAPLUS

Urea, N-[1-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1071782-24-5 CAPLUS

methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1071790-81-2 CAPLUS
Urea, N-[1-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1071790-85-6 CAPLUS

Urea, N-[1-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1071793-79-7 CAPLUS

Urea, N-[1-[1-hydroxy-2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[1-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1072451-14-9 CAPLUS

Urea, N-[1-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1072451-17-2 CAPLUS

Urea, N-[1-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1072456-32-6 CAPLUS

Urea, N-[1-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1071793-80-0 CAPLUS
Urea, N-[1-[1-hydroxy-2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN 1072442-93-3 CAPLUS
CN Urea, N-[1-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN

 $\label{local_equation} $$1072443-00-5$$ $$CAPLUS$$ Urea, $N-[1-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)$ 

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1072456-33-7 CAPLUS

Urea, N-[1-[2-[3-((2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

1075238-45-7 CAPLUS

 $\label{thm:continuity} \begin{tabular}{ll} Urea, $\mathbb{N}^1-[2-[3-(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-$\mathbb{N}^4-4-pyridinyl- $(CA_INDEX_NAME)$ \\ \end{tabular}$ 

RN 1075239-77-8 CAPLUS
CN Urea, N-[1-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1075241-31-4 CAPLUS

 $\label{thm:condition} {\tt Urea, \ N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-hydroxyethyll[3-hydroxyethyl]-3-hydroxyethyll[3-hydroxyethyll]-3-hydroxyethyll[3-h$ methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1075242-95-3 CAPLUS RN

Urea, N-[1-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1075244-05-1 CAPLUS

Urea, N-[1-[1-hydroxy-2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-

L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Urea, N-[1-[1-hydroxy-2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

 $1075249-62-5 \quad CAPLUS \\ Urea, \quad N-[1-[2-(3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)$ CN

REFERENCE COUNT:

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT L10 ANSWER 36 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1075245-94-1 CAPLUS

 $\label{lem:urea_n=1} $$ Urea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)$ CN

1075246-10-4 CAPLUS

 $\label{lem:urea_norm} $$ \operatorname{N-[1-[2-3-[(2-\operatorname{chlorophenyl})]}_{-1-\operatorname{piperidinyl}]-1-\operatorname{hydroxyethyl}]-3-\operatorname{methylbutyl}_{-N'-2-\operatorname{pyridinyl}-}$$ (CA INDEX NAME)$ CN

RN 1075246-42-2 CAPLUS

L10 ANSWER 37 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911764 CAPLUS

DOCUMENT NUMBER: 133:368972

Preparation of N-ureidoalkyl-piperidines as modulators TITLE:

Ko, Soo S.; Delucca, George V.; Duncia, John V.; Santella, Joseph B., III; Wacker, Dean A.; Watson, INVENTOR(S):

US 1999-161243P

19991022

Paul S.; Varnes, Jeffrey G. Du Pont Pharmaceuticals Company, USA PATENT ASSIGNEE(S): SOURCE:

PCT Int. Appl., 394 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent English

LANGUAGE: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE WO 2000035451 A1 20000622 WO 1999-XI30332 19991217 W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE US 1998-112717P 19981218 PRIORITY APPLN. INFO.:

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(Continued)

L10 ANSWER 37 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

- The title compds. [I; M = absent, CH2, CH(CH2Ph), etc.; Q = CH2, CH(CH2Ph), etc.; J, K, L = CH2, CH(CH2Ph), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(CH)CH(Ph), etc.; RI, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un)substituted 5-7 membered ring; R3 = (un)substituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/day (oral dosage). [This abstract record is one of 17 records for this document mecessitated by the large number of index entries required to fully index the document and publication system constraints.]
- publication system constraints.] 1068717-17-8 1068722-92-8 1068734-88-2 1068734-89-3 1068735-83-0 1068735-84-1 1068739-23-0 1068739-24-1 1068739-64-9 1068739-65-0 1068744-83-1 1068744-84-2 1068748-24-2 1068748-25-3 1068748-64-0 1068748-65-1 1068814-75-4 1068814-76-5 1068818-24-5 1068818-25-6 1068821-75-9

L10 ANSWER 37 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

1068734-89-3 CAPLUS INDEX NAME NOT YET ASSIGNED

RN 1068735-83-0 CAPLUS INDEX NAME NOT YET ASSIGNED

1068735-84-1 CAPLUS INDEX NAME NOT YET ASSIGNED

Page 175

L10 ANSWER 37 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068821-76-0 1068822-32-1 1068822-33-2 1068822-34-3 1068830-08-9 1068830-09-0 1068834-46-7 1068834-48-9 1068838-67-4 1068838-68-5 1068838-69-6 1068857-11-3 1068857-13-5 1068861-51-7 1068861-52-8 1068862-23-6 1068862-24-7 1068866-47-6 1068866-48-7 1068866-49-8 RL: PRPH (Prophetic) (Preparation of N-ureidoalkyl-piperidines as modulators of chemokinereceptor activity) RN 1068717-17-8 CAPLUS

1068722-92-8 CAPLUS INDEX NAME NOT YET ASSIGNED RN

CN INDEX NAME NOT YET ASSIGNED

1068734-88-2 CAPLUS INDEX NAME NOT YET ASSIGNED

L10 ANSWER 37 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068739-23-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068739-24-1 CAPLUS INDEX NAME NOT YET ASSIGNED

RN 1068739-64-9 CAPLUS INDEX NAME NOT YET ASSIGNED

RN 1068739-65-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 37 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068744-83-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068744-84-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-24-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 37 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068814-75-4 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068814-76-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1068818-24-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 37 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068748-25-3 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-64-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-65-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 37 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068818-25-6 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068821-75-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068821-76-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068822-32-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068822-33-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068822-34-3 CAPLUS INDEX NAME NOT YET ASSIGNED

L10 ANSWER 37 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068834-48-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068838-67-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1068838-68-5 CAPLUS

INDEX NAME NOT YET ASSIGNED

L10 ANSWER 37 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068830-08-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068830-09-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068834-46-7 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 37 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068838-69-6 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068857-11-3 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068857-13-5 CAPLUS
CN Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 37 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068861-51-7 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068861-52-8 CAPLUS
Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068862-23-6 CAPLUS
Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 37 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068866-49-8 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 37 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068862-24-7 CAPLUS

 $\label{lem:urea} \begin{tabular}{ll} $$ Urea, $N-[3-[3-[(2-chloropheny1)methyl]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-4-pyridiny1- (CA INDEX NAME) \end{tabular}$ 

RN 1068866-47-6 CAPLUS
CN Urea, N-[3-[3-((4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068866-48-7 CAPLUS

L10 ANSWER 38 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911761 CAPLUS

DOCUMENT NUMBER: 133:368969

Preparation of N-ureidoalkyl-piperidines as modulators TITLE:

INVENTOR(S):

Ko, Soo; Clark, Cheryl Mcardle; Delucca, George V.; Duncia, John V.; Santella, Joseph B., III; Wacker,

Dean A.
Du Pont Pharmaceuticals Co., USA PATENT ASSIGNEE(S):

SOURCE: PCT Int. Appl., 316 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent English

LANGUAGE: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. WO 2000035453 A1 20000622 WO 1999-XF30335 W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

PRIORITY APPLN. INFO.: 19981218 US 1999-161137P 19991022

GI

- The title compds. [I; M = absent, CH2, CH(CH2Ph), etc,; Q = CH2, CH(CH2Ph), etc.; J, K, L = CH2, CH(CH2Ph), etc.; Z = Q, S; E = (CH2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un) substituted 5-7 membered ring; R3 = (un) substituted Ph, naphthyl, admantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], et modulators of CCR3 useful for the prevention of asthma and other allergic diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/day (oral dosage). [This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and
- publication system constraints.] 1068806-54-1 1068806-55-2 1068806-56-3 1068813-17-1 1068813-18-2 1068816-66-9 1068816-67-0 1068817-20-8 1068817-21-9 1068817-22-0 1068854-65-8 1068854-87-4 1068859-01-7 1068859-96-0 1068863-09-1 1068863-10-4 1068872-95-6 1068873-23-3 1068873-45-9 1068878-18-1 1068878-46-5

L10 ANSWER 38 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068806-56-3 CAPLUS

 $\label{lem:urea} $$ \mathbb{N}^{3-[4-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-\mathbb{N}^*-4-pyridiny1- $$ (CA INDEX NAME)$$ 

1068813-17-1 CAPLUS
Urea, N=[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068813-18-2 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 38 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068891-30-0 1068881-54-8 1068912-12-8 1068912-40-2 1068915-03-6 1068915-16-1 1068915-26-3 1068915-63-8 1068915-77-4 1068916-73-3 1068917-76-9 1068918-49-9 1068921-23-2 1068923-15-8 1068923-37-4 1068923-59-0 1068929-96-3 1068930-55-1 1068937-21-2 1068937-82-5 1068938-05-5 1068938-17-9 1068938-28-2 1068938-64-6 1068943-19-0 1068943-30-5 1068943-41-8 RL: PRPH (Prophetic) (Preparation of N-ureidoalkyl-piperidines as modulators of chemokine

receptor activity) 1068806-54-1 CAPLUS Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068806-55-2 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 38 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068816-66-9 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068816-67-0 CAPLUS

 ${\tt Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]}$ (phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068817-20-8 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068817-21-9 CAPLUS

 $\label{eq:continuity} $$ \operatorname{N-[3-[4-[(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-3-pyridiny1- (CA INDEX NAME) $$$ 

1068817-22-0 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068854-65-8 CAPLUS

L10 ANSWER 38 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068859-96-0 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068863-09-1 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068863-10-4 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 38 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN

1068854-87-4 CAPLUS Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068859-01-7 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 38 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068872-95-6 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME) CN

RN 1068873-23-3 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068873-45-9 CAPLUS
CN Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068878-18-1 CAPLUS

 ${\tt Urea, \ N-[3-[4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]}$ (phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068878-46-5 CAPLUS RN

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068881-30-0 CAPLUS

Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

L10 ANSWER 38 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridinyl- (CA INDEX NAME)

1068915-03-6 CAPLUS

Urea, N-[3-[3-[4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068915-16-1 CAPLUS
CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

 $\label{lem:condition} \begin{tabular}{ll} $$\operatorname{Urea}, N-[3-[3-(2,4-\operatorname{difluorophenyl})]=1-\operatorname{piperidinyl}-2-\operatorname{hydroxy-1-(phenylmethyl)propyl}-N'-4-\operatorname{pyridinyl-} $$$ (CA INDEX NAME)$ \\ \end{tabular}$ 

L10 ANSWER 38 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068881-54-8 CAPLUS
CN Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068912-12-8 CAPLUS

CN

RN 1068912-40-2 CAPLUS

Urea, N-[3-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]-1-pheny1propy1]-N'-4-

L10 ANSWER 38 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068915-63-8 CAPLUS CN Urea, N=[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068915-77-4 CAPLUS
CN Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068916-73-3 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068917-76-9 CAPLUS

CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]N'-4-pyridinyl- (CA INDEX NAME)

RN 1068918-49-9 CAPLUS

CN Urea, N=[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068921-23-2 CAPLUS

CN Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-

- L10 ANSWER 38 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
  CN Urea, N-[3-[4-((3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-
- CN Urea, N-[3-[4-[(3-metnoxypnenyl)metnyl]-1-piperidinyl]-1-pnenylpropyl]-N4-pyridinyl- (CA INDEX NAME)

RN 1068929-96-3 CAPLUS

CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NRME)

RN 1068930-55-1 CAPLUS

CN Urea, N=[3-[3-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-2-pyridiny1- (CA INDEX NAME)

RN 1068937-21-2 CAPLUS

W Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 38 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068923-15-8 CAPLUS

CN Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068923-37-4 CAPLUS

CN Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068923-59-0 CAPLUS

L10 ANSWER 38 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068937-82-5 CAPLUS

CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068938-05-5 CAPLUS

CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068938-17-9 CAPLUS

CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068938-28-2 CAPLUS
CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]N'-2-pyridinyl- (CA INDEX NAME)

1068938-64-6 CAPLUS
Urea, N-[3-[4-[(4-chloropheny1)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-3pyridinyl- (CA INDEX NAME)

L10 ANSWER 38 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068943-41-8 CAPLUS
CN Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'2-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 38 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

$$\begin{array}{c} \text{Ph} & \overset{\circ}{\mid} \\ \text{N} - \text{CH}_2 - \text{CH}_2 - \text{CH} - \text{NH} - \text{C} - \text{NH} - \\ \end{array}$$

RN 1068943-19-0 CAPLUS

 $\label{lem:condition} $$ Urea, N-[3-[4-([2-chloropheny1])methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)$ 

RN 1068943-30-5 CAPLUS
CN Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911760 CAPLUS

DOCUMENT NUMBER: 133:368968

Preparation of N-ureidoalkyl-piperidines as modulators TITLE:

Ko, Soo; Clark, Cheryl Mcardle; Delucca, George V.; Duncia, John V.; Santella, Joseph B., III; Wacker, INVENTOR(S):

Dean A.
Du Pont Pharmaceuticals Co., USA PATENT ASSIGNEE(S):

SOURCE: PCT Int. Appl., 316 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent English

LANGUAGE: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. 20000622 WO 1999-XE30335 WO 2000035453 A1 19991217 W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE PRIORITY APPLN. INFO.: 19981218 US 1999-161137P 19991022 GI

- The title compds. [I; M = absent, CH2, CH(CH2Ph), etc,; Q = CH2, CH(CH2Ph), etc.; J, K, L = CH2, CH(CH2Ph), etc.; Z = Q, S; E = (CH2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un) substituted 5-7 membered ring; R3 = (un) substituted Ph, naphthyl, admantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], et modulators of CCR3 useful for the prevention of asthma and other allergic diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/day (oral dosage). [This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and
- publication system constraints.] 1068717-17-8 1068722-92-8 1068734-88-2 1068734-89-3 1068735-83-0 1068735-84-1 1068739-23-0 1068739-24-1 1068739-64-9 1068739-65-0 1068744-83-1 1068744-84-2 1068748-24-2 1068748-25-3 1068748-64-0 1068748-65-1 1068814-75-4 1068814-76-5 1068818-24-5 1068818-25-6 1068821-75-9

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068722-92-8 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068734-88-2 CAPLUS RN INDEX NAME NOT YET ASSIGNED

RN 1068734-89-3 CAPLUS INDEX NAME NOT YET ASSIGNED

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L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068821-76-0 1068822-32-1 1068822-33-2 1068822-34-3 1068830-08-9 1068830-09-0 1068834-46-7 1068834-48-9 1068836-71-4 1068836-72-5 1068838-67-4 1068838-68-5 1068838-69-6 1068841-09-7 1068841-10-0 1068845-00-0 1068845-01-1 1068845-22-6 1068845-23-7 1068845-24-8 1068852-37-8 1068852-38-9 1068855-40-2 1068855-41-3 1068857-11-3 1068857-13-5 1068859-61-9 1068859-62-0 1068859-63-1 1068861-51-7 1068861-52-8 1068862-23-6 1068862-24-7 1068866-47-6 1068866-48-7 1068866-49-8 1068887-73-9 1068889-12-2 1068892-40-9 1068892-54-5 1068892-65-8 1068892-76-1 1068905-26-9 1068907-26-5 1068907-36-7 1068907-73-2 1068910-81-5 1068911-04-5 1068916-89-1 1068917-18-9 1068917-39-4 1068917-61-2 1071473-57-8 1071473-79-4 1071474-30-0 1071493-27-0 1071494-42-2 1071515-69-9 1071516-11-4 1071765-99-5 1071766-00-1 1071766-01-2 1071782-22-3 1071782-24-5 1071790-81-2 1071790-85-6 1071793-79-7 1071793-80-0 1072442-93-3 1072443-00-5 1072443-01-6 1072451-14-9 1072451-17-2 1072456-32-6 1072456-33-7 1075238-45-7 1075239-77-8 1075241-31-4 1075242-95-3 1075244-05-1 1075245-94-1 1075246-10-4 1075246-42-2 1075249-62-5 RL: PRPH (Prophetic)

(Preparation of N-ureidoalkyl-piperidines as modulators of chemokine

receptor activity)
RN 1068717-17-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068735-83-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

$$\begin{array}{c} \text{C1} \\ \text{OH Pr-i} \\ \text{OH CH}_2 - \text{CH-CH-NH-C-NH-} \\ \text{N} \end{array}$$

1068735-84-1 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN 1068739-23-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068739-24-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068739-64-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068739-65-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068744-83-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068748-64-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-65-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068814-75-4 CAPLUS CN INDEX NAME NOT YET ASSIGNED

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L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068744-84-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-24-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-25-3 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068814-76-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068818-24-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068818-25-6 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068821-75-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068821-76-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068822-32-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068822-33-2 CAPLUS INDEX NAME NOT YET ASSIGNED

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068834-46-7 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068834-48-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068836-71-4 CAPLUS Urea, N-[2-hydroxy-3-[3-[(3-methoxypheny1)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068822-34-3 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068830-08-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068830-09-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068836-72-5 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068838-67-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1068838-68-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068838-69-6 CAPLUS

INDEX NAME NOT YET ASSIGNED

1068841-09-7 CAPLUS

Orea, N.[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

 $\label{local-equation} $$1068841-10-0$$ $$CPLUS$$ Urea, $N-[3-[3-(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)$ 

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068845-23-7 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068845-24-8 CAPLUS
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068852-37-8 CAPLUS

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

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L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068845-00-0 CAPLUS

 $\begin{tabular}{ll} $$ Urea, $N-[3-[3-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-phenylpropy1]-N'-2-pyridiny1- (CA INDEX NAME) \\ \end{tabular}$ 

RN 1068845-01-1 CAPLUS
CN Urea, N-[3-[3-((2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068845-22-6 CAPLUS

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN

1068852-38-9 CAPLUS
Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068855-40-2 CAPLUS

Urea, N-[3-[3-[4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068857-11-3 CAPLUS
CN Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1methylpropyl]-N'-2-pyxidinyl- (CA INDEX NAME)

1068857-13-5 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068859-61-9 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068861-52-8 CAPLUS
Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068862-23-6 CAPLUS
CN Urea, N-[3-[3-(12-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} \text{OH Me} & \text{OH Me} \\ \text{CH}_2 & \text{CH}_2 - \text{CH} - \text{CH} - \text{NH} - \text{C} - \text{NH} - \text{NH} \\ \text{Cl} & \text{NH} - \text{CH}_2 - \text{CH} - \text{NH} - \text{C} - \text{NH} - \text{NH} \\ \end{array}$$

1068862-24-7 CAPLUS
Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068859-62-0 CAPLUS

Urea, N-[3-[3-[(4-fluoropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN

1068859-63-1 CAPLUS
Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

CN Urea, N.[3-[3-[1(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068866-47-6 CAPLUS
CN Urea, N-[3-[3-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-2-pyridiny1- (CA INDEX NAME)

RN 1068866-48-7 CAPLUS
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068866-49-8 CAPLUS
Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

1068887-73-9 CAPLUS

 ${\tt Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyllorenter (4-fluorophenyl) methyllorenter (4-fluorop$ phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068889-12-2 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068892-40-9 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068905-26-9 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068907-26-5 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068907-36-7 CAPLUS

# Page 189

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068892-54-5 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068892-65-8 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068892-76-1 CAPLUS

- L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
- Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068907-73-2 CAPLUS

Urea, N-[3-[4-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-phenylpropy1]-N'-2-pyridiny1- (CA INDEX NAME)

RN 1068910-81-5 CAPLUS
CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068911-04-5 CAPLUS

 $\texttt{CN} \qquad \texttt{Urea, N-[3-[4-[(2,4-\texttt{difluorophenyl})methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]}$ 

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068916-89-1 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068917-18-9 CAPLUS

 $\begin{tabular}{ll} $$ Urea, $N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl---(CA INDEX NAME) \\ \end{tabular}$ 

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1071473-79-4 CAPLUS
Urea, N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

1071474-30-0 CAPLUS

Nea, N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1071493-27-0 CAPLUS

# Page 190

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068917-39-4 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

RN 1068917-61-2 CAPLUS
CN Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyxidinyl- (CA INDEX NAME)

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[1-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN

1071494-42-2 CAPLUS
Urea, N-[1-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1071515-69-9 CAPLUS
CN Urea, N-[1-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1071516-11-4 CAPLUS

 $\texttt{CN} \qquad \texttt{Urea, N-[1-[2-[4-[(2,4-\texttt{difluorophenyl})methyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-pip$ 

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1071765-99-5 CAPLUS

Orea, N-[1-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1071766-00-1 CAPLUS

 $\begin{tabular}{ll} Urea, $N-[1-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME) \\ \end{tabular}$ 

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Urea, N-[1-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1071790-81-2 CAPLUS
Urea, N-[1-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

1071790-85-6 CAPLUS
Urea, N-[1-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

 ${\tt CN \qquad Urea, \ N-[1-[1-hydroxy-2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-1-piperidinyl]} = {\tt CN } \qquad {\tt$ 

## Page 191

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1071766-01-2 CAPLUS

 $\label{lem:ura_n} $$ We a, N-[1-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)$ CN

RN 1071782-22-3 CAPLUS
CN Urea, N-[1-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1071782-24-5 CAPLUS

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1071793-80-0 CAPLUS
CN Urea, N-[1-[1-hydroxy-2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1072442-93-3 CAPLUS
CN Urea, N-[1-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN

1072443-00-5 CAPLUS
Urea, N-[1-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

1072443-01-6 CAPLUS

Urea, N-[1-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

 $1072451-14-9 \quad CAPLUS \\ Urea, \quad N-[1-[2-(3-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-W-2-pyridinyl- \quad (CA INDEX NAME)$ 

Urea, N-[1-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1075239-77-8 CAPLUS

 $\begin{tabular}{ll} Urea, $N-[1-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME) \\ \end{tabular}$ 

1075241-31-4 CAPLUS

 $\label{thm:condition} {\tt Urea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-hydroxyethyll[3-hydroxyethyl]-3-hydroxyethyll[3-hydroxyethyll]-3-hydroxyethyll[3-hyd$ methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1075242-95-3 CAPLUS

Urea, N-[1-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1072456-32-6 CAPLUS
CN Urea, N-[1-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1072456-33-7 CAPLUS
Urea, N-[1-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN 1075238-45-7 CAPLUS
CN Urea, N-[1-[2-(3-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1075244-05-1 CAPLUS

Urea, N-[1-[1-hydroxy-2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1075245-94-1 CAPLUS

| Nora, N-[1-[2-[3-[(4-hlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1075246-10-4 CAPLUS
CN Urea, N-[1-[2-(3-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1075246-42-2 CAPLUS

Urea, N-[1-[1-hydroxy-2-[3-[(3-methoxypheny1)methy1]-1-piperidiny1]ethy1]-1-piperidiny1] = thy1 =3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1075249-62-5 CAPLUS
Urea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT: THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911759 CAPLUS

DOCUMENT NUMBER: 133:368967

Preparation of N-ureidoalkyl-piperidines as modulators TITLE: of chemokine receptor activity
Ko, Soo; Clark, Cheryl Mcardle; Delucca, George V.;

INVENTOR(S):

Duncia, John V.; Santella, Joseph B., III; Wacker,

Dean A.
Du Pont Pharmaceuticals Co., USA PATENT ASSIGNEE(S): SOURCE:

PCT Int. Appl., 316 pp.

CODEN: PIXXD2 DOCUMENT TYPE: Patent

LANGUAGE: PATENT INFORMATION: English

PATENT NO. KIND DATE APPLICATION NO. DATE WO 2000035453 A1 20000622 WO 1999-XD30335 19991217 W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, M: AT, BE, CB, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, FT, SE RITY APPLN. INFO:: US 1998-112717P 19981218 PRIORITY APPLN. INFO.: US 1999-161137P 19991022

L10 ANSWER 39 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

AB The title compds. [I, M = absent, CH2, CH(CH2Fh), etc.; Q = CH2, CH(CH2Fh), etc.; J, K, L = CH2, CH(CH2Fh), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un)substituted 57 membered ring; R3 = (un)substituted Fh, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases were prepared and formylated F. Rg a multi-step cumthesis of U. diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/day (oral dosage). [This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

publication system constraints.] 1068720-32-0 1068720-33-1 1068721-27-6 1068721-28-7 1068725-40-5 1068725-41-6 1068731-10-1 1068731-11-2 1068731-43-0 1068731-44-1 1068736-62-8 1068736-64-0 1068738-32-8 1068738-82-8 1068741-85-4 1068747-30-7 1068748-95-7 1068748-97-9 1068749-57-4 1068749-58-5 1068749-90-5 1068749-91-6 1068750-82-2 1068753-30-9 1068753-31-0 1068758-94-0 1068758-95-1 1068762-34-4 1068762-74-2 1068762-75-3 1068799-73-4 1068799-74-5 1068807-87-3 L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068809-13-1 1068811-36-8 1068811-37-9 1068811-93-7 1068811-94-8 1068811-95-9 1068820-27-8 1068822-61-6 1068822-62-7 1068823-44-8 1068827-49-5 1068832-27-8 1068835-49-3 1068835-50-6 1068836-21-4 1068836-22-5 1068847-61-9 1068850-53-2 1068850-54-3 1068850-66-7 1068851-18-2 1068851-44-4 RL: PRPH (Prophetic) (Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity)

RN 1068720-32-0 CAPLUS
CN Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068720-33-1 CAPLUS
Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068725-41-6 CAPLUS

Urea, N-[3-[4-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-4-pyridiny1- (CA INDEX NAME)

RN 1068731-10-1 CAPLUS
CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

 $\texttt{CN} \qquad \texttt{Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyllower (2-fluorophenyl)methyllower (3-fluorophenyl)methyllower (3-fluorophenyl)methyllow$ 

# Page 194

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068721-27-6 CAPLUS

Urea, N-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methy1propy1]-N'-2-pyridiny1- (CA INDEX NAME) CN

1068721-28-7 CAPLUS
Urea, N-[3-[4-[(2-chloropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068725-40-5 CAPLUS

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068731-43-0 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068731-44-1 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN 1068736-62-8 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068736-64-0 CAPLUS
Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068738-32-8 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068748-95-7 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068748-97-9 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068749-57-4 CAPLUS

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068738-82-8 CAPLUS
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'2-pyridinyl- (CA INDEX NAME)

1068741-85-4 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

RN 1068747-30-7 CAPLUS
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'2-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068749-58-5 CAPLUS

CN Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068749-90-5 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]N'-2-pyridinyl- (CA INDEX NAME)

1068749-91-6 CAPLUS
Urea, N-[3-[3-[4,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

1068750-82-2 CAPLUS

 $\label{eq:continuous} \textit{Urea, } \mathbb{N}-[3-[3-[4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}^4-[3-[4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}^4-[4-fluoropheny1]-1-piperidi$ 4-pyridinyl- (CA INDEX NAME)

1068753-30-9 CAPLUS

Urea, N-[3-[3-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-3-pyridinyl- (CA INDEX NAME)

1068753-31-0 CAPLUS
Urea, N-[3-[3-[(4-chlorophemyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-

3-pyridinyl- (CA INDEX NAME)

1068762-74-2 CAPLUS Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidimyl]-2-hydroxypropyl]-N'-2-pyridimyl- (CA INDEX NAME) CN

1068762-75-3 CAPLUS

 $\label{thm:condition} {\tt Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N^s-1} \\$ 4-pyridinyl- (CA INDEX NAME)

1068799-73-4 CAPLUS
Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068758-94-0 CAPLUS

Urea, N-[3-[3-(12,4-difluoropheny1)methyl]-1-piperidiny1]-2-hydroxypropyl]-N'-2-pyridiny1 (CA INDEX NAME)

1068758-95-1 CAPLUS

 $\label{lem:urea_N-3-3-4-4-prop} $$ Urea, N-[3-[3-(2,4-difluoropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-4-pyridiny1- (CA INDEX NAME)$ CN

RN 1068762-34-4 CAPLUS

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068799-74-5 CAPLUS
CN Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-methylpropyl]-N'-2-pyxidinyl- (CA INDEX NAME)

RN 1068807-87-3 CAPLUS
CN Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068809-13-1 CAPLUS
CN Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068811-36-8 CAPLUS

methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068811-37-9 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068811-93-7 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068822-61-6 CAPLUS

Urea, N-[3-[4-[(2,4-dichloropheny1)methyl]-1-piperidiny1]-2-hydroxypropyl]-N'-2-pyridiny1 (CA INDEX NAME)

1068822-62-7 CAPLUS Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068823-44-8 CAPLUS

 $\label{eq:continuous} \textit{Urea, } \mathbb{N}-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}'-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}'-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}'-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}'-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}'-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}'-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}'-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}'-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}'-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}'-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}'-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}'-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}'-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}'-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}'-[3-[4-[(2-chloropheny1)methy1]-1-piperidin$ 4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068811-94-8 CAPLUS
CN Urea, N-[3-[3-[(4-fluoropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068811-95-9 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068820-27-8 CAPLUS

| Nursea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-| 2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} \text{C1} & \text{OH} & \text{O} \\ \text{CH}_2 - \text{CH} - \text{CH}_2 - \text{NH} - \text{C} - \text{NH} \\ \end{array}$$

RN 1068827-49-5 CAPLUS

| Nrea, N-[3-[4-((4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-| 4-pyridinyl- (CA INDEX NAME)

RN 1068832-27-8 CAPLUS
CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl] N'-4-pyridinyl- (CA INDEX NAME)

RN 1068835-49-3 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068835-50-6 CAPLUS

RN 1068836-21-4 CAPLUS

Orea, N-[3-[4-[(4-flooropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-2-pyridiny1- (CA INDEX NAME)

RN 1068836-22-5 CAPLUS

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

| RN | 1068850-54-3 | CAPLUS | CN | Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'- | 2-pyridinyl- (CA INDEX NAME)

RN 1068850-66-7 CAPLUS

 $\label{eq:continuity} \textit{Urea, } \mathbb{N}-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}^4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}^4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}^4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}^4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}^4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}^4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}^4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}^4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}^4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}^4-[(2-chloropheny1)methy1]-1-piperidiny1]-1$ 2-pyridinyl- (CA INDEX NAME)

Orea, N-[3-[4-[(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-3-pyridiny1- (CA INDEX NAME)

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'4-pyridinyl- (CA INDEX NAME)

RN 1068847-61-9 CAPLUS
CN Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'4-pyridinyl- (CA INDEX NAME)

RN 1068850-53-2 CAPLUS
CN Urea, N-[3-[4-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-3-pyridinyl- (CA INDEX NAME)

$$\mathsf{CH}_2 = \mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{NH} - \mathsf{C}_1 - \mathsf{NH}_2 - \mathsf{NH}_2$$

L10 ANSWER 40 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068851-44-4 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2000:911756 CAPLUS 133:368964

DOCUMENT NUMBER:

Preparation of N-ureidoalkyl-piperidines as modulators

of chemokine receptor activity
Ko, Soo; Clark, Cheryl Mcardle; Delucca, George V.; INVENTOR(S): Duncia, John V.; Santella, Joseph B., III; Wacker,

Dean A.

Du Pont Pharmaceuticals Co., USA PATENT ASSIGNEE(S):

SOURCE: PCT Int. Appl., 316 pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

PATENT INFORMATION:

PATENT NO.					KIN	D	DATE		APPLICATION NO.						DATE		
						-											
WO 2000035453 A1					20000622			WO 1999-XA30335					19991217				
₩:	AL,	AU,	BR,	CA,	CN,	CZ,	EE,	HU,	IL,	IN,	JP,	KR,	LT,	LV,	MK,	MX,	NO,
	NZ,	PL,	RO,	SG,	SI,	SK,	TR,	UA,	VN,	ZA,	AM,	AZ,	ΒY,	KG,	KΣ,	MD,	RU,
	TT	TM															

TJ, TM RM: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE LITY APPLN. INFO:: US 1998-112717P 19981218 US 1999-161137P 19991022

GI

1068510-35-9 1068510-51-9 1068511-49-8 1068512-13-9 1068512-14-0 1068512-53-7 1068512-54-8 1068515-81-0 1068516-04-0 1068516-20-0 1068518-24-0 1068518-26-2 1068518-28-4 1068523-85-2 1068524-01-5 1068524-12-8 1068524-22-0 1068524-40-2 1068529-74-7 1068529-99-6 1068530-54-0 1068536-17-3 1068536-81-1 1068537-30-3 1068543-08-7 1068543-65-6 1068543-66-7 1068544-45-5 1068544-47-7 1068550-05-9 1068550-42-4 1068550-78-6 1068550-79-7 1068550-80-0 1068648-47-4 1068648-48-5 1068649-19-3 1068649-21-7 1068650-31-6 1068650-32-7 1068710-10-0 1068710-11-1 1068710-12-2 RL: PRPH (Prophetic) (Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity) 1068449-78-4 CAPLUS

(Continued)

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-3-pyridinyl-(CA INDEX NAME)

1068449-79-5 CAPLUS

Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

AB The title compds. [I, M = absent, CH2, CH(CH2Ph), etc.; Q = CH2, CH(CR2Ph), etc.; J, K, L = CH2, CH(CR2Ph), etc.; Z = Q, S; E = (CR2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un)substituted 5-7 membered ring; R3 = (un)substituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/day (oral dosage). [This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and

publication system constraints.] 1068449-78-4 1068449-79-5 1068474-45-2 1068474-48-5 1068475-29-5 1068475-30-8 1068481-34-4 1068482-61-0 1068483-88-4 1068483-90-8 1068485-36-8 1068485-40-4 1068492-23-8 1068492-29-4 1068495-24-8 1068495-28-2 1068495-29-3 1068505-84-9 1068506-67-1 1068507-04-9 1068507-05-0

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068474-45-2 CAPLUS

Urea, N-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} \text{MeO} & & & \\ \hline \\ \text{CH}_2 & & \\ \end{array}$$

1068474-48-5 CAPLUS
Urea, N-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

Urea, N-[2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} \text{MeO} & & & \\ \hline \\ \text{CH}_2 & & \text{NH} - \text{CH}_2 - \text{CH}_2 - \text{NH} - \text{C} - \text{NH} - \text{NH} \\ \hline \\ \text{N} & & \\ \end{array}$$

RN 1068475-30-8 CAPLUS
CN Urea, N-[2-[3-((3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

1068481-34-4 CAPLUS

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068482-61-0 CAPLUS

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068495-40-4 CAPLUS
CN Urea, N-[2-[3-[(2-chloropheny1)methy1]-1-piperidiny1]ethy1]-N'-2-pyridiny1-(CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ \end{array}$$

RN 1068492-23-8 CAPLUS

Urea, N-[3-[3-[4-chloropheny1)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068483-88-4 CAPLUS RN

 $\label{thm:condition} \mbox{Urea, N-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-}$ pyridinyl- (CA INDEX NAME)

RN

1068483-90-8 CAPLUS
Urea, N-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068485-36-8 CAPLUS

CN Urea, N-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068495-24-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

1068495-28-2 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN

1068495-29-3 CAPLUS
Urea, N-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

1068505-84-9 CAPLUS

 $\label{eq:continuous} \mbox{Urea, $\mathbb{N}-[3-[3-[4,4-difluoropheny1]]methyl]-1-piperidinyl]propyl]- $\mathbb{N}^4-2-1$ }$ pyridinyl- (CA INDEX NAME)

1068506-67-1 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068507-04-9 CAPLUS
Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068511-49-8 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068512-13-9 CAPLUS
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

1068512-14-0 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068507-05-0 CAPLUS

Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068510-35-9 CAPLUS

Urea, N-[3-[3-[(2-chloropheny1)methy1]-1-piperidiny1]propy1]-N'-4-pyridiny1- (CA INDEX NAME) CN

RN 1068510-51-9 CAPLUS

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} & \bigcirc & \bigcirc \\ & CH_2 & - \\ & N - (CH_2)_3 - NE - C - NE - \\ & \end{array}$$

RN 1068512-53-7 CAPLUS

CN

RN 1068512-54-8 CAPLUS

CN (CA INDEX NAME)

RN 1068515-81-0 CAPLUS
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068516-04-0 CAPLUS
CN Urea, N=[3-[3-(12-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

1068516-20-0 CAPLUS

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068518-24-0 CAPLUS

INDEX NAME NOT YET ASSIGNED

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068524-01-5 CAPLUS

Urea, N-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

RN 1068524-12-8 CAPLUS
CN Urea, N-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyxidinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{C1} \\ \\ \text{CH}_2 \\ \\ \text{C1} \end{array}$$

RN 1068524-22-0 CAPLUS

Urea, N-[2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068518-26-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ \end{array}$$

1068518-28-4 CAPLUS

CN Urea, N-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

1068523-85-2 CAPLUS

Urea, N-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA THIDEX NAME)

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068524-40-2 CAPLUS

CN

RN 1068529-74-7 CAPLUS CN Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

Urea, N-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

1068530-54-0 CAPLUS

 $\label{eq:canonical} $$ Urea, N-[2-[4-(1/2-fluoropheny1)methy1]-1-piperidiny1]=thy1]-N'-2-pyridiny1-(CA INDEX NAME) $$$ 

1068536-17-3 CAPLUS
Urea, N-[2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-2pyridinyl- (CA INDEX NAME)

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068543-65-6 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068543-66-7 CAPLUS
Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068544-45-5 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Nonana 4 or Childs
No 108836-81-1 CAPUS
No 108836-81-1 CAPUS
No Urea, N-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME)

$$\bigcap_{\mathsf{CH}_2-\mathsf{CH}_2-\mathsf{NH}-\mathsf{C}-\mathsf{NH}-\mathsf{N$$

RN 1068537-30-3 CAPLUS

Urea, N-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{C1} \\ \text{N-CH}_2\text{-CH}_2\text{-NH-C-NH-N} \\ \text{C1} \end{array}$$

1068543-08-7 CAPLUS

Urea, N-[2-[4-]((4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068544-47-7 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

1068550-05-9 CAPLUS

Urea, N-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME) CN

RN 1068550-42-4 CAPLUS

Urea, N-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068550-78-6 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068550-79-7 CAPLUS
Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3pyridinyl- (CA INDEX NAME)

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068649-19-3 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

1068649-21-7 CAPLUS

 ${\tt Urea, \ N-[3-[4-[(2,4-dichloropheny1)methy1]-1-piperidiny1]propy1]-N'-4-}\\$ pyridinyl- (CA INDEX NAME)

RN 1068650-31-6 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068550-80-0 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068648-47-4 CAPLUS

Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

RN 1068648-48-5 CAPLUS

Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 41 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068650-32-7 CAPLUS

RN 1068710-10-0 CAPLUS
CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

1068710-11-1 CAPLUS

$$\bigcap_{\mathsf{CH}_2}\mathsf{N}-(\mathsf{CH}_2)_3\mathsf{-NH}-\bigcap_{\mathsf{C}-\mathsf{NH}}\mathsf{N}$$

1068710-12-2 CAPLUS

pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE  $\theta$  CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{bmatrix} J-M & R^4 & \parallel & \\ \times & N-E-N & N & R^3 \\ L-Q & \parallel & \parallel & \parallel \\ L-Q & \parallel & \parallel & \parallel & \parallel \\ \end{bmatrix}$$

AB The title compds. (I, M = absent, CH2, CH(CH2Ph), etc.; Q = CH2, CHR5, etc.; J, K, L = CH2, CH(CH2Ph), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; El, akyl, alkenyl, etc.; R2 and R3 may join to form (unisubstituted 5-7 membered ring; R3 = (unisubstituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases, were prepared and formulated E. G. a multistens completed for GL was given. were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20~mg/kg/day (oral dosage). [This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and publication

system constraints.] system constraints.]
106806-54-1 106806-56-3 006806-56-3
1068813-17-1 1068813-18-2 1068816-66-9
1068816-67-0 1068817-20-8 1068817-21-9
1068817-22-0 1068854-65-8 1068854-87-4
1068859-01-7 1068859-96-0 1068863-39-1 1068863-10-4 1068872-95-6 1068873-23-3 1068873-45-9 1068878-18-1 1068878-46-5 1068881-30-0 1068881-54-8 1068912-12-8 1068912-40-2 1068915-03-6 1068915-16-1 1068915-26-3 1068915-63-8 1068915-77-4 1068916-73-3 1068917-76-9 1068918-49-9

L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911753 CAPLUS 133:368961

DOCUMENT NUMBER:

Preparation of N-ureidoalkyl-piperidines as modulators

of chemokine receptor activity Ko, Soo S.; Delucca, George V.; Duncia, John V.; Santella, Joseph B., III; Gardner, Daniel S. INVENTOR(S):

PATENT ASSIGNEE(S): Du Pont Pharmaceuticals Company, USA PCT Int. Appl., 327 pp.

SOURCE: CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE WO 2000035449 A1 20000622 WO 1999-XF30292 W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, FT, SE PRIORITY APPLN. INFO:: US 1998-112717P 19981218 US 1999-161122P 19991022

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L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068921-23-2 1068923-15-8 1068923-37-4 1068923-59-0 1068929-96-3 1068930-55-1 1068937-21-2 1068937-82-5 1068938-05-5 1068938-17-9 1068938-28-2 1068938-64-6 1068943-19-0 1068943-30-5 1068943-41-8 RL: PRPH (Prophetic) (Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity)

RN 1068806-54-1 CAPLUS Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068806-55-2 CAPLUS
Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068806-56-3 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068813-17-1 CAPLUS

 $\label{lem:condition} $$ Urea, N-[3-[4-[(2,4-difluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-2-pyridiny1- (CA INDEX NAME)$ 

1068813-18-2 CAPLUS
Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068816-66-9 CAPLUS

Urea, N-[3-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-

L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068817-21-9 CAPLUS
Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068817-22-0 CAPLUS

 ${\tt Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyllorenter (4-fluorophenyl) methyllorenter (4-fluorop$ (phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068854-65-8 CAPLUS
Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

Page 206

L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)  $(\texttt{phenylmethyl}) \, \texttt{propyl}] \, - \! \texttt{N'-2-pyridinyl-} \quad (\texttt{CA INDEX NAME})$ 

RN 1068816-67-0 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068817-20-8 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068854-87-4 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-[phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068859-01-7 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068859-96-0 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068863-09-1 CAPLUS

L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068863-10-4 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068872-95-6 CAPLUS
Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1060878-46-5 CAPLUS
Urea, N-[3-[3-[(2-chloropheny1)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068881-30-0 CAPLUS
Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

 $\begin{array}{ll} 1068881-54-8 & \texttt{CAPLUS} \\ \textbf{Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-} \end{array}$ (phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

 $\texttt{CN} \qquad \texttt{Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-} \\$ 

L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068873-23-3 CAPLUS
CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068873-45-9 CAPLUS

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

RN

1068878-18-1 CAPLUS Urea, N-[3-[3-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-3-pyridiny1- (CA INDEX NAME)

L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridinyl- (CA INDEX NAME)

RN 1068912-40-2 CAPLUS

Urea, N=[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068915-03-6 CAPLUS
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

 $\label{lem:condition} $$ \operatorname{N-[3-[3-[(2-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(pheny1methy1)propy1]-N'-4-pyridiny1- (CA INDEX NAME) $$$ 

L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068915-26-3 CAPLUS
CN Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068915-63-8 CAPLUS
Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068915-77-4 CAPLUS
Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068918-49-9 CAPLUS

CN Urea, N-[3-[4-([4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068921-23-2 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068923-15-8 CAPLUS

Urea, N-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-1-phenylpropy1]-N'-4-pyridiny1- (CA INDEX NAME)

1068923-37-4 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068916-73-3 CAPLUS

 $\label{lem:urea} $$ \operatorname{N-[3-[3-[4,4-dichloropheny1]]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-2-pyridiny1- $$ (CA INDEX NAME)$$ 

1068917-76-9 CAPLUS

 $\begin{tabular}{ll} Urea, $N-3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-$N'-4-pyridinyl-$ (CA INDEX NAME) \\ \end{tabular}$ CN

L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068923-59-0 CAPLUS CN Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068929-96-3 CAPLUS
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

1068937-21-2 CAPLUS

 $\label{thm:continuous} \mbox{Urea, $\mathbb{N}-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-$\mathbb{N}^*-2-piperidinyl} = 0.$ pyridinyl- (CA INDEX NAME)

1068937-82-5 CAPLUS

 $\label{eq:continuity} \begin{tabular}{ll} $$\operatorname{Urea, N-[3-[4-(4-chloropheny1)methy1]-1-piperidiny1]-1-pheny1propy1]-N'-2-pyridiny1- (CA INDEX NAME) \end{tabular}$ 

$$\begin{array}{c|c} & & & \\ & & & \\$$

L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068938-64-6 CAPLUS

Urea, N=[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068943-19-0 CAPLUS

Urea, N-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-1-phenylpropy1]-N'-2-pyridiny1- (CA INDEX NAME)

RN 1068943-30-5 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

## Page 209

L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068938-05-5 CAPLUS
CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-3pyridinyl- (CA INDEX NAME)

RN 1068938-17-9 CAPLUS

| Orea, N-[3-[4-[(2-floropheny1)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ \end{array}$$

1068938-28-2 CAPLUS
Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 42 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068943-41-8 CAPLUS
CN Urea, N-[3-[4-[(3-nethoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} & \text{Ph} & \text{O} \\ & \text{N-} & \text{CH}_2 - \text{CH}_2 - \text{CH-} & \text{NH-} & \text{C-} & \text{NH-} \\ & & \text{N} & \text{CH}_2 - \text{CH-} & \text{NH-} & \text{C-} & \text{NH-} \\ & & & \text{N} & \text{CH}_2 - \text{CH-} & \text{NH-} & \text{C-} & \text{NH-} \\ & & & & \text{N} & \text{CH}_2 - \text{CH-} & \text{NH-} & \text{C-} & \text{NH-} \\ & & & & & \text{N} & \text{CH}_2 - \text{CH-} & \text{NH-} & \text{C-} & \text{NH-} \\ & & & & & & \text{CH}_2 - \text{CH-} & \text{NH-} & \text{C-} & \text{NH-} \\ & & & & & & & & & & & & & & & & \\ \end{array}$$

REFERENCE COUNT:

THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911752 CAPLUS 133:368960

DOCUMENT NUMBER:

Preparation of N-ureidoalkyl-piperidines as modulators

of chemokine receptor activity Ko, Soo S.; Delucca, George V.; Duncia, John V.; Santella, Joseph B., III; Gardner, Daniel S. INVENTOR(S):

PATENT ASSIGNEE(S): Du Pont Pharmaceuticals Company, USA PCT Int. Appl., 327 pp.

SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE ----WO 2000035449 A1 20000622 WO 1999-XE30292 N: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, XZ, MD, RU,

TO, INT RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE RITY APPLN. INFO.: US 1998-112717P 19981218 PRIORITY APPLN. INFO.: US 1999-161122P 19991022

GI

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068821-76-0 1068822-32-1 1068822-33-2 1068822-34-3 1068830-08-9 1068830-09-0 1068834-46-7 1068834-48-9 1068836-71-4 1068836-72-5 1068838-67-4 1068838-68-5 1068838-69-6 1068841-09-7 1068841-10-0 1068845-00-0 1068845-01-1 1068845-22-6 1068845-23-7 1068845-24-8 1068852-37-8 1068852-38-9 1068855-40-2 1068855-41-3 1068857-11-3 1068857-13-5 1068859-61-9 1068851-62-0 1068859-63-1 1068861-51-7 1068861-52-8 1068862-23-6 1068862-24-7 1068866-47-6 1068866-48-7 1068866-49-8 106887-73-9 1068889-12-2 1068892-40-9 1068892-54-5 1068892-65-8 1068892-76-1 1068905-26-9 1068907-26-5 1068907-36-7 1068907-73-2 1068910-81-5 1068911-04-5 1068916-89-1 1068917-18-9 1068917-39-4 1068917-61-2 1071473-57-8 1071473-79-4 1071474-30-0 1071493-27-0 1071494-42-2 1071515-69-9 1071516-11-4 1071765-99-5 1071766-00-1 1071766-01-2 1071782-22-3 1071782-24-5 1071790-81-2 1071790-85-6 1071793-79-7 1071793-80-0 1072442-93-3 1072443-00-5 1072443-01-6 1072451-14-9 1072451-17-2 1072456-32-6 1072456-33-7 1075238-45-7 1075239-77-8 1075241-31-4 1075242-95-3 1075244-05-1 1075245-94-1 1075246-10-4 1075246-42-2 1075249-62-5 RL: PRPH (Prophetic) (Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity) 1068717-17-8 CAPLUS

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

AB The title compds. [I; M = absent, CH2, CH(CH2Ph), etc,; Q = CH2, CHR5, etc.; J, K, L = CH2, CH(CH2Ph), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2/CH(OH)(CH(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un)substituted 5-7 membered ring; R3 = (un)substituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/day (oral dosage). [This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and publication

system constraints.] 1068717-17-8 1068722-92-8 1068734-88-2 1068734-89-3 1068735-83-0 1068735-84-1 1068739-23-0 1068739-24-1 1068739-64-9 1068739-65-0 1068744-83-1 1068744-84-2 1068748-24-2 1068748-25-3 1068748-64-0 1068748-65-1 1068814-75-4 1068814-76-5 1068818-24-5 1068818-25-6 1068821-75-9

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068722-92-8 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068734-88-2 CAPLUS RN INDEX NAME NOT YET ASSIGNED

RN 1068734-89-3 CAPLUS INDEX NAME NOT YET ASSIGNED

INDEX NAME NOT YET ASSIGNED

RN 1068735-83-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

$$\begin{array}{c} \texttt{C1} \\ \texttt{OH} \\ \texttt{Pr-i} \\ \texttt{OH} \\ \texttt{OH$$

1068735-84-1 CAPLUS INDEX NAME NOT YET ASSIGNED

RN 1068739-23-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CN INDEX NAME NOT YET ASSIGNED

RN 1068744-84-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-24-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-25-3 CAPLUS

INDEX NAME NOT YET ASSIGNED

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068739-24-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068739-64-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068739-65-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068744-83-1 CAPLUS

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068748-64-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

$$\begin{array}{c|c} \text{OH} & \text{Pr-i} & \text{O} \\ \text{CH}_2 & \text{CH} - \text{CH} - \text{NH} - \text{C} - \text{NH} \\ \end{array}$$

RN 1068748-65-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068814-75-4 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068814-76-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068818-24-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068818-25-6 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068822-33-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

1068822-34-3 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN 1068830-08-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068821-75-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1068821-76-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068822-32-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068830-09-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068834-46-7 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068834-48-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068836-71-4 CAPLUS
CN Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068836-72-5 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068838-67-4 CAPLUS

INDEX NAME NOT YET ASSIGNED

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068841-10-0 CAPLUS

Urea, N-[3-[3-[4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068845-00-0 CAPLUS

Urea, N-[3-[3-[4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068845-01-1 CAPLUS
CN Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068838-68-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1068838-69-6 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN 1068841-09-7 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-pheny1propy1]-N'-2-pyridiny1- (CA INDEX NAME)

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 106845-22-6 CAPLUS
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068845-23-7 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068845-24-8 CAPLUS
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyzidinyl- (CA INDEX NAME)

1068852-37-8 CAPLUS

 ${\tt Urea, \ N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyllorophenyl)}$ phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

 $\label{loss} $$1068852-38-9$ $$CAPLUS$ Urea, $$N-[3-[3-((2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)$ 

RN 1068855-40-2 CAPLUS

Urea, N-[3-[3-[(2-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068859-61-9 CAPLUS
Urea, N-[3-[3-[(4-fluoropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068859-63-1 CAPLUS
Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068855-41-3 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN 1068857-11-3 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068857-13-5 CAPLUS
CN Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068861-51-7 CAPLUS

 $\label{lem:urea} $$ Urea, N-[3-[3-[(2,4-dichlorophenyl)]=1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)$ 

1068861-52-8 CAPLUS

1068862-23-6 CAPLUS
Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

1068862-24-7 CAPLUS

 $\label{eq:continuous} \mbox{Urea, $\mathbb{N}-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]} = 0.$ methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068866-47-6 CAPLUS
Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068866-48-7 CAPLUS

CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068892-40-9 CAPLUS

Urea, N=[3-[4-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-phenylpropy1]-N\*-4-pyridiny1- (CA INDEX NAME)

RN 1068892-54-5 CAPLUS
CN Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

Orea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068866-49-8 CAPLUS
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068887-73-9 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068889-12-2 CAPLUS

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068892-76-1 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068905-26-9 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RM 1068907-26-5 CAPLUS
CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

RN 1068907-36-7 CAPLUS

 $\begin{tabular}{lll} $$ Urea, $N-[3-[4-[(2,4-difluorophenyl)]]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N^-2-pyridinyl- (CA INDEX NAME) \\ \end{tabular}$ 

1068907-73-2 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068917-18-9 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068917-39-4 CAPLUS

Orea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068917-61-2 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

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L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068910-81-5 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068911-04-5 CAPLUS
CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068916-89-1 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

EN 1071473-57-8 CAPLUS
CN Urea, N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1071473-79-4 CAPLUS

Urea, N-[1-[2-[4-[[4-fluorophenyl]methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME) CN

RN 1071474-30-0 CAPLUS

Urea, N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1071493-27-0 CAPLUS

 $\label{thm:condition} {\tt Urea, \ N-[1-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-hydroxyethyll[3-hydroxyethyl]-3-hydroxyethyll[3-hydroxyethyll]-3-hydroxyethyll[3-h$ methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1071494-42-2 CAPLUS

Urea, N-[1-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1071515-69-9 CAPLUS

Urea, N-[1-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1071766-00-1 CAPLUS

1071766-01-2 CAPLUS

Urea, N=[1-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1071782-22-3 CAPLUS

Urea, N-[1-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1071516-11-4 CAPLUS

Urea, N-[1-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN 1071765-99-5 CAPLUS
CN Urea, N-[1-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1071782-24-5 CAPLUS
CN Urea, N-[1-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1071790-81-2 CAPLUS

Urea, N-[1-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1071790-85-6 CAPLUS
Urea, N-[1-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1071793-79-7 CAPLUS

 $\label{lem:update} \begin{tabular}{ll} Urea, $N-[1-[1-hydroxy-2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME) \end{tabular}$ 

1071793-80-0 CAPLUS

Urea, N-[1-[1-hydroxy-2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1072442-93-3 CAPLUS

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1072451-17-2 CAPLUS

 $\begin{tabular}{ll} Urea, $N-[1-[2-[3-[(2-fluoropheny1)]methy1]-1-piperidiny1]-1-hydroxyethy1]-3-methylbuty1]-N'-4-pyridiny1- (CA INDEX NAME) \\ \end{tabular}$ 

RN 1072456-32-6 CAPLUS CN Urea, N-[1-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1072456-33-7 CAPLUS

Urea, N-[1-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N=[1-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1072443-00-5 CAPLUS
CN Urea, N-[1-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-3-pyxidinyl- (CA INDEX NAME)

1072443-01-6 CAPLUS

Urea, N-[1-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN 1072451-14-9 CAPLUS

Urea, N-[1-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1075238-45-7 CAPLUS

Urea, N-[1-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1075239-77-8 CAPLUS
CN Urea, N-[1-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1075241-31-4 CAPLUS
Urea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1075242-95-3 CAPLUS

hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1075244-05-1 CAPLUS

| Orea, N-[1-[1-hydroxy-2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1075245-94-1 CAPLUS

Urea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 43 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1075246-10-4 CAPLUS

 $\label{lem:urea_n=1} $$ Urea, N-[1-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)$ CN

1075246-42-2 CAPLUS

 $\label{lem:update} \begin{tabular}{ll} Urea, $N-[1-[1-hydroxy-2-[3-[(3-methoxypheny1)methy1]-1-piperidiny1]ethy1]-3-methylbuty1]-N'-4-pyridiny1- (CA INDEX NAME) \end{tabular}$ CN

RN 1075249-62-5 CAPLUS

Urea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911751 CAPLUS

DOCUMENT NUMBER: 133:368959

Preparation of N-ureidoalkyl-piperidines as modulators TITLE:

Ko, Soo S.; Delucca, George V.; Duncia, John V.; Santella, Joseph B., III; Gardner, Daniel S. INVENTOR(S):

Du Pont Pharmaceuticals Company, USA PCT Int. Appl., 327 pp. CODEN: PIXXD2 PATENT ASSIGNEE(S):

SOURCE:

DOCUMENT TYPE: Patent English

PATENT INFORMATION:

PATENT NO. APPLICATION NO. KIND DATE DATE 20000622 WO 1999-XD30292 WO 2000035449 A1 W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE RITY APPLN. INFO.: US 1998-112717P 19981218 PRIORITY APPLN. INFO.:

US 1999-161122P

19991022

GI

The title compds. [I; M = absent, CH2, CH(CH2Ph), etc,; Q = CH2, CHR5, etc.; J, K, L = CH2, CH(CH2Ph), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un)substituted 5-7 membered ring; R3 = (un)substituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/day (oral dosage). [This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.1

1068720-32-0 1068720-33-1 1068721-27-6 1068721-28-7 1068725-40-5 1068725-41-6 1068731-10-1 1068731-11-2 1068731-43-0 1068731-44-1 1068736-62-8 1068736-64-0 1068733-32-8 1068738-82-8 1068748-95-7 1068749-97-9 1068749-9 106874 1068753-31-0 1068758-94-0 1068758-95-1 1068762-34-4 1068762-74-2 1068762-75-3 1068799-73-4 1068799-74-5 1068807-87-3 106809-13-1 1068011-36-8 1068811-37-9 1068019-39-7 1068011-94-8 1068011-95-9 1068020-27-8 1068022-61-6 1060022-62-7 1068023-44-8 1060027-49-5 1060032-27-8 1068835-49-3 1068835-50-6 1068836-21-4 1068836-22-5 1068847-61-9 1068850-53-2 1068850-54-3 1068850-66-7 1068851-18-2 1068851-44-4

RL: PRPH (Prophetic)
(Preparation of N-ureidoalkyl-piperidines as modulators of chemokine

1068720-32-0 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068721-28-7 CAPLUS

 $\begin{tabular}{ll} Urea, $N-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-4-pyridiny1- (CA INDEX NAME) \\ \end{tabular}$ 

1068725-40-5 CAPLUS
Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068725-41-6 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068720-33-1 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068721-27-6 CAPLUS

Urea, N-[3-[4-[(2-chloropheny1)methyl]-1-piperidiny1]-2-hydroxy-1-methylpropyl]-N'-2-pyridiny1- (CA INDEX NAME) CN

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068731-10-1 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068731-11-2 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068731-43-0 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068731-44-1 CAPLUS

 $\label{lem:update} $$ Urea, N-[3-[4-(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)$ 

1068736-62-8 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} \text{CH}_2 & \text{OH} & \text{OH} \\ \text{CH}_2 - \text{CH} - \text{CH}_2 - \text{NH} - \text{C} - \text{NH} \\ \end{array}$$

1068741-85-4 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068747-30-7 CAPLUS
Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068748-95-7 CAPLUS
Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068736-64-0 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068738-32-8 CAPLUS
CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068738-82-8 CAPLUS

Nea, N-[3-[3-[4-flooropheny1]methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-2-pyridiny1- (CA INDEX NAME)

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068748-97-9 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN 1068749-57-4 CAPLUS

| Drea, N-[3-[3-[d-(d-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-| 4-pyridinyl- (CA INDEX NAME) CN

RN 1068749-58-5 CAPLUS

Nea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

$$\begin{array}{c|c} \text{OH} & \text{OH} \\ \text{CH}_2 & \text{CH} - \text{CH} - \text{CH}_2 - \text{NH} - \text{C-NH} \\ \text{Cl} & \text{N} \end{array}$$

1068749-90-5 CAPLUS

 $\label{thm:condition} \mbox{Urea, $\mathbb{N}-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-1-piperidinyl]} \mbox{$-(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-1-piperidinyl]-2-hydroxypropyl]-1-piperidinyl]-2-hydroxypropyl]-1-piperidinyl]-2-hydroxypropyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-$ N'-2-pyridinyl- (CA INDEX NAME)

1068749-91-6 CAPLUS
Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \operatorname{c1} & \operatorname{OH} & \operatorname{O} \\ \operatorname{CH}_2 - \operatorname{CH}_2 - \operatorname{CH}_2 - \operatorname{NH} - \operatorname{C} - \operatorname{NH} \\ \end{array}$$

RN 1068750-82-2 CAPLUS

CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068758-95-1 CAPLUS

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068762-34-4 CAPLUS

Urea, N-[3-[3-[4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-3-pyridinyl- (CA INDEX NAME)

Urea, N=[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 4-pyridinyl- (CA INDEX NAME)

RN 1068753-30-9 CAPLUS

Urea, N-[3-[3-[4-chloropheny1)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068753-31-0 CAPLUS

 $\label{lem:upda} $$ \operatorname{N-3-[3-[4-chloropheny1]methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-4-pyridiny1-$$ (CA INDEX NAME)$ CN

$$\begin{array}{c} \text{Cl} \\ \text{CH}_2 \\ \text{NH} \\ \text{C} \\$$

RN 1068758-94-0 CAPLUS

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} \text{CH}_2 & \text{OH} & \text{O} \\ \text{CH}_2 - \text{CH} - \text{CH}_2 - \text{NH} - \text{C} - \text{NH} \\ \text{N} \end{array}$$

RN 1068762-75-3 CAPLUS

Urea, N-[3-[3-(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-4-pyridiny1- (CA INDEX NAME)CN

RN 1068799-73-4 CAPLUS

 $\label{lem:urea} {\tt Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperid$ methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068799-74-5 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1methylpropy1]-N'-2-pyridiny1- (CA INDEX NAME)

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

1068807-87-3 CAPLUS

 ${\tt Urea, \ N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyllorophenyl)}$ methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

 $\label{loss} $$1068899-13-1$ $$CAPLUS$ $$Urea, $N-[3-[3-(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)$ 

1068811-36-8 CAPLUS

Urea, N-[3-[3-[(2-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068811-95-9 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068820-27-8 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

Orea, N-[3-[4-[(2,4-dichloropheny1)methyl]-1-piperidiny1]-2-hydroxypropyl]-N'-2-pyridiny1 (CA INDEX NAME)

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068811-37-9 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN 1068811-93-7 CAPLUS

Urea, N-[3-[3-[4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068811-94-8 CAPLUS
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068822-62-7 CAPLUS

 $\begin{tabular}{ll} $$ Urea, $N-[3-[4-[(2,4-dichloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-$$ N'-4-pyridiny1-$$ (CA INDEX NAME) $$ $$$ 

RN 1068823-44-8 CAPLUS

 $\label{eq:continuity} \mbox{Urea, N-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-4-pyridiny1- (CA INDEX NAME) \mbox{}$ 

1068827-49-5 CAPLUS RN

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} \text{Cl} & \text{OH} & \text{OH} \\ & \text{N} & \text{CH}_2\text{-CH-CH}_2\text{-NH-C-NH-} \end{array}$$

1068832-27-8 CAPLUS

Dra, N-[3-[4-[(2,4-difluoropheny1)methyl]-1-piperidiny1]-2-hydroxypropyl]-N'-4-pyridiny1 (CA INDEX NAME)

1068835-49-3 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068835-50-6 CAPLUS

CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-

- L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
- Urea, N.[2-hydroxy-3-[4-[(3-methoxyphenyl]methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068850-53-2 CAPLUS

Urea, N-[3-[4-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-3-pyridinyl- (CA INDEX NAME)

1068850-54-3 CAPLUS

Urea, N=[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068850-66-7 CAPLUS

## Page 224

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 4-pyridinyl- (CA INDEX NAME)

RN 1068836-21-4 CAPLUS

 $\label{eq:continuity} $$ Urea, N-[3-[4-[(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-2-pyridiny1- (CA INDEX NAME)$ CN

1068836-22-5 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068847-61-9 CAPLUS

- L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
- Urea, N-[3-[4-[(2-chlorophenyl]methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{OH} \\ \text{OH} \\ \text{CH}_2 - \text{CH} - \text{CH}_2 - \text{NH} - \text{C-NH} \\ \text{N} \\ \text{C1} \end{array}$$

RN 1068851-18-2 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068851-44-4 CAPLUS
CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 44 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS REFERENCE COUNT: 16 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911748 CAPLUS 133:368956

DOCUMENT NUMBER:

Preparation of N-ureidoalkyl-piperidines as modulators

of chemokine receptor activity Ko, Soo S.; Delucca, George V.; Duncia, John V.; Santella, Joseph B., III; Gardner, Daniel S. INVENTOR(S):

PATENT ASSIGNEE(S): Du Pont Pharmaceuticals Company, USA PCT Int. Appl., 327 pp.

SOURCE: CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE ----WO 2000035449 A1 20000622 WO 1999-XA30292 W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU,

EW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, FT, SE
PRIORITY APPLN. INFO:: US 1998-112717P 19981218 US 1999-161122P 19991022

GI

L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

AB The title compds. (I, M = absent, CH2, CH(CH2Ph), etc.; Q = CH2, CHR5, etc.; J, K, L = CH2, CH(CH2Ph), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; El, akyl, alkenyl, etc.; R2 and R3 may join to form (unisubstituted 5-7 membered ring; R3 = (unisubstituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases, were prepared and formulated E. G. a multistens combacts of II was give were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20~mg/kg/day (oral dosage). [This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and publication

system constraints.] 1068449-78-4 1068449-79-5 1068474-45-2 1068474-48-5 1068475-29-5 1068475-30-8 1068481-34-4 1068482-61-0 1068483-88-4 1068483-90-8 1068485-36-8 1068485-40-4 1068492-23-8 1068492-29-4 1068495-24-8 1068495-28-2 1068495-29-3 1068505-84-9 1068506-67-1 1068507-04-9 1068507-05-0 1068510-35-9 1068510-51-9 1068511-49-8 1068512-13-9 1068512-14-0 1068512-53-7 1068512-54-8 1068515-81-0 1068516-04-0 1068516-20-0 1068518-24-0 1068518-26-2

L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068518-28-4 1068523-85-2 1068524-01-5 1068524-12-8 1068524-22-0 1068524-40-2 1068529-74-7 1068529-99-6 1068530-54-0 1068536-17-3 1068536-81-1 1068537-30-3 1068543-08-7 1068543-65-6 1068543-66-7 1068544-45-5 1068544-47-7 1068550-05-9 1068550-80-0 1068569-78-6 1068550-79-7 1068550-80-0 1068648-47-4 1068649-48-5 1068649-19-3 1068649-21-7 1068650-31-6 1068650-32-7 1068710-10-0 1068710-11-1 1068710-12-2 RL: PRPH (Prophetic)
(Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity) RN 1068449-78-4 CAPUIS
CN Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-3-pyridinyl-

1068449-79-5 CAPLUS

(CA INDEX NAME)

 $\label{thm:condition} {\tt Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-n'-2-pyri$ (CA INDEX NAME)

RN 1068474-45-2 CAPLUS

Urea, N-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068474-48-5 CAPLUS Urea, N-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068475-29-5 CAPLUS

 $\label{eq:continuous} \texttt{Urea, N-[2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-2-}\\$ pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} \text{MeO} & & & \\ & & \\ & \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{NH} - \text{C-NH} - \text{NH} \\ & & \\ & & \\ & & \\ \end{array}$$

L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068483-88-4 CAPLUS
CN Urea, N-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2pyridinyl- (CA INDEX NAME)

1060403-90-8 CAPLUS
Urea, N-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

 $\label{local-potential} 1068485-36-8 \quad \text{CAPLUS} \\ \text{Urea, N-}[2-[3-[(2-\text{chlorophenyl})\text{methyl}]-1-\text{piperidinyl}] \text{-N'-4-pyridinyl-1-piperidinyl}] \text{-N'-4-pyridinyl-1-piperidinyl} \text{-N'-4-pyridinyl-1-piper$ (CA INDEX NAME)

RN 1068485-40-4 CAPLUS

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L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068475-30-8 CAPLUS
CN Urea, N-[2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ &$$

RN 1068481-34-4 CAPLUS

CN  $\label{eq:continuous} \mbox{Urea, } \mbox{N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2$ pyridinyl- (CA INDEX NAME)

RN

 $\label{local-prop} \begin{array}{ll} 1068482-61-0 & \texttt{CAPLUS} \\ \texttt{Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-} \end{array}$ pyridinyl- (CA INDEX NAME)

L10 ANSMER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CN Urea, N-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME)

RN 1068492-23-8 CAPLUS

Urea, N-[3-[4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

RN 1068492-29-4 CAPLUS
CN Urea, N-[3-[3-(4-chloropheny1)methy1]-1-piperidiny1]propy1]-N'-3pyxidiny1- (CA INDEX NAME)

RN 1068495-24-8 CAPLUS

INDEX NAME NOT YET ASSIGNED

1068495-28-2 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN 1068495-29-3 CAPLUS CN Urea, N-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-

1068505-84-9 CAPLUS
Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridinyl- (CA INDEX NAME)

1068510-35-9 CAPLUS
Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068510-51-9 CAPLUS

Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068511-49-8 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068506-67-1 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

RN 1068507-04-9 CAPLUS

 $\label{thm:condition} {\tt Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-thm}$ pyridinyl- (CA INDEX NAME)

RN 1068507-05-0 CAPLUS

CN Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-

L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068512-13-9 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

1068512-14-0 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068512-53-7 CAPLUS

 $\label{thm:continuity} \mbox{Urea, $N-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-$N'-2-pyridinyl-$N$ (CA INDEX NAME)

RN 1068512-54-8 CAPLUS
CN Urea, N-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl(CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ &$$

1068515-81-0 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068516-04-0 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068518-28-4 CAPLUS

Urea, N=[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N\*-4-pyridinyl-(CA INDEX NAME)

1068523-85-2 CAPLUS RN

Urea, N-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME)

Urea, N-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068516-20-0 CAPLUS

Urea, N-[3-[3-[42,4-difluorophenyl]]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068518-24-0 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN 1068518-26-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068524-12-8 CAPLUS

Urea, N-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

$$\begin{array}{c} \text{C1} \\ \text{CB}_2 \\ \text{C1} \end{array}$$

RN 1068524-22-0 CAPLUS
CN Urea, N-[2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068524-40-2 CAPLUS CN Urea, N-[2-[4-[(4-chloropheny1)methy1]-1-piperidiny1]ethy1]-N'-3-pyridiny1-

1068529-74-7 CAPLUS

Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

1068529-99-6 CAPLUS

Orea, N=[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N\*-2-pyridinyl- (CA INDEX NAME)

RN 1068530-54-0 CAPLUS

L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068537-30-3 CAPLUS

Urea, N-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068543-08-7 CAPLUS

Urea, N=[2-[4-[(4-chloropheny1)methy1]-1-piperidiny1]ethy1]-N'-4-pyridiny1-(CA INDEX NAME) CN

1068543-65-6 CAPLUS

Orea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

CN Urea, N-[2-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]ethy1]-N'-2-pyridiny1-(CA INDEX NAME)

RN 1068536-17-3 CAPLUS
CN Urea, N-[2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-2pyridinyl- (CA INDEX NAME)

RN 1068536-81-1 CAPLUS

Urea,  $\mathbb{N}=[2-[4-[(2-\mathrm{chloropheny1})\mathrm{methyl}]-1-\mathrm{piperidiny1}]$  ethyl]  $-\mathbb{N}$  '-2-pyridinyl-(CA INDEX NAME) CN

L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068543-66-7 CRPLUS
CN Urea, N=[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyxidinyl- (CA INDEX NAME)

RN 1068544-45-5 CAPLUS

 $\label{eq:continuous} \mbox{Urea, $\mathbb{N}-[3-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]propy1]-\mathbb{N}^4-2-1]} \mbox{ of $\mathbb{N}^4-[3-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]propy1]-\mathbb{N}^4-2-1] \mbox{ of $\mathbb{N}^4-[(2-fluoropheny1)methy1]-1-piperidiny1]propy1]-\mathbb{N}^4-2-1] \mbox{ of $\mathbb{N}^4-[(2-fluoropheny1)methy1]-1-piperidiny1]propy1]-1-\mathbb{N}^4-2-1] \mbox{ of $\mathbb{N}^4-[(2-fluoropheny1)methy1]-1-piperidiny1]propy1]-1-\mathbb{N}^4-2-1] \mbox{ of $\mathbb{N}^4-[(2-fluoropheny1)methy1]-1-piperidiny1]propy1]-1-\mathbb{N}^4-2-1] \mbox{ of $\mathbb{N}^4-[(2-fluoropheny1)methy1]-1-piperidiny1]-1-\mathbb{N}^4-2-1] \mbox{ of $\mathbb{N}^4-[(2-fluoropheny1)methy1]-1-pipe$ pyridinyl- (CA INDEX NAME)

RN 1068544-47-7 CAPLUS

CN Urea, N-[3-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]propy1]-N'-4-pyridiny1- (CA INDEX NAME)

1068550-05-9 CAPLUS
Urea, N-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl(CA INDEX NAME)

1068550-42-4 CAPLUS

Urea, N-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068550-78-6 CAPLUS
Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068648-47-4 CAPLUS

CN Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068648-48-5 CAPLUS

Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068649-19-3 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068649-21-7 CAPLUS

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L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068550-79-7 CAPLUS
CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3pyridinyl- (CA INDEX NAME)

RN 1068550-80-0 CAPLUS

pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{F} \\ \\ \text{CH}_2 \\ \end{array} \text{N} \\ \begin{array}{c} \text{O} \\ \text{CH}_2 \\ \text{J} \\ \text{N} \\ \end{array} \text{N} \\ \begin{array}{c} \text{O} \\ \text{C} \\ \text{N} \\ \end{array} \\ \begin{array}{c} \text{N} \\ \text{N} \\ \text{O} \\ \end{array}$$

L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068650-31-6 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068650-32-7 CAPLUS
CN Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068710-10-0 CAPLUS

 $\texttt{CN} \qquad \texttt{Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-} \\$ 

L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridinyl- (CA INDEX NAME)

1068710-11-1 CAPLUS

 $\label{eq:continuous} \textit{Urea, } \mathbb{N}-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-1-[(4-chlorophenyl)methyl]$ pyridinyl- (CA INDEX NAME)

1068710-12-2 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 46 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911742 CAPLUS

DOCUMENT NUMBER: 133:368950

Preparation of N-ureidoalkyl-piperidines as modulators TITLE:

of chemokine receptor activity INVENTOR(S):

Ko, Soo S.; Duncia, John V. K.; Santella, Joseph B., III; Wacker, Dean A.; Kim, Ui Tae

Du Pont Pharmaceuticals Company, USA PCT Int. Appl., 351 pp. CODEN: PIXXD2 PATENT ASSIGNEE(S):

SOURCE:

Patent

DOCUMENT TYPE: LANGUAGE: English

PATENT INFORMATION:

PATENT NO.						D	DATE		1	APPLICATION NO.						DATE			
						-													
WO 2000035454 A1					20000622			W	WO 1999-XL30336						19991217				
W:	AL, AU, BR, CA,				CN,	CZ,	EE,	ΗU,	${\rm IL}_{\rm r}$	${\tt IN,}$	JP,	$\mathbb{KR}_{r}$	LT,	${\tt LV}_t$	${\tt MK}_{I}$	ΜX,	NO,		
	NZ,	$\mathbb{PL}_{t}$	RO,	SG,	SI,	SK,	TR,	UA,	VN,	ZA,	AM,	ΑZ,	BY,	KG,	KΖ,	MD,	RU,		
	TJ, TM																		
RW:	AT,	BE,	CH,	CY,	DE,	DK,	ES,	FI,	FR,	GB,	GR,	IE,	IT,	LU,	MC,	$\mathbb{NL}_{r}$	PT,	SE	
PRIORITY	PRIORITY APPLN. INFO.:							US 1998-112717P							19981218				
							US 1999-161184P								19991022				
GI																			

L10 ANSWER 45 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS REFERENCE COUNT: RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 46 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

AB The title compds. [I; M = absent, CH2, CH(CH2Ph), etc,; Q = CH2, CHR5, etc.; J, K, L = CH2, CH(CH2Ph), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un)substituted 5-7 membered ring; R3 = (un)substituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CM2 unceful for the recording of cother and the allowed discounts. of CCR3 useful for the prevention of asthma and other allergic diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/da (oral dosage). [This abstract record is one of 17 records for this document necessitated by the large number of index entries required to fully index the document and publication

To include the constraints.]

1068918-49-9 1068923-15-8 1068923-37-4 1068923-59-0 1068937-82-5 1068938-64-6 1068943-19-0 1068943-30-5 1068943-41-8

RL: PRPH (Prophetic)

(Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity)

1068918-49-9 CAPLUS
Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068923-15-8 CAPLUS
CN Urea, N-[3-[4-[(2-chloropheny1)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4pyridinyl- (CA INDEX NAME)

1068923-37-4 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068923-59-0 CAPLUS
Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 46 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068943-19-0 CAPLUS
CN Urea, N-[3-[4-[(2-chloropheny1)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2pyridinyl- (CA INDEX NAME)

RN 1068943-30-5 CAPLUS

 $\label{thm:condition} \mbox{Urea, $\mathbb{N}-[3-[4-[(2,4-\mbox{dichlorophenyl})methyl]-1-piperidinyl]-1-phenylpropyl]-1-piperidinylloophenylprop$ N'-2-pyridinyl- (CA INDEX NAME)

1068943-41-8 CAPLUS

Orea, N(34-((3-methoxyphenyl)methyl)-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

Page 232

L10 ANSWER 46 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068937-82-5 CAPLUS

CN

RN 1068938-64-6 CAPLUS CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-3pyridinyl- (CA INDEX NAME)

L10 ANSWER 46 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

REFERENCE COUNT:

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 47 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911741 CAPLUS 133:368949

DOCUMENT NUMBER:

Preparation of N-ureidoalkyl-piperidines as modulators

of chemokine receptor activity
Ko, Soo S.; Duncia, John V. K.; Santella, Joseph B., INVENTOR(S):

III; Wacker, Dean A.; Kim, Ui Tae

Du Pont Pharmaceuticals Company, USA PCT Int. Appl., 351 pp. PATENT ASSIGNEE(S):

SOURCE: CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

PATENT INFORMATION:

PATENT NO.					KIN	D	DATE			APPL	ICAT	DATE							
WO 2000035454 A1					20000622				WO 1999-XK30336							19991217			
W:	NΣ,	PL,					EE, TR,		,										
DLT.	IJ,	TM	CII	CV	D.F	DV	P.C	ET	ED	CD.	CD	777	TT	T 17	MC	NT	D/F		

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, LITY APPLN. INFO.: US 1998-112717P MC, NL, PT, SE 19981218 PRIORITY APPLN. INFO.: US 1999-161184P 19991022

GI

L10 ANSWER 47 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068873-45-9 1068878-18-1 1068878-46-5 106881-30-0 106881-54-8 1068912-12-8 1068912-40-2 1068915-03-6 1068915-16-1 1068915-26-3 1068915-63-8 1068915-77-4 1068916-73-3 1068917-76-9 1068921-23-2 1068929-96-3 1068930-55-1 1068937-21-2 1068938-05-5 1068938-17-9 1068938-28-2 RL: PRPH (Prophetic) (Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity) 1068806-54-1 CAPLUS

1068806-55-2 CAPLUS

Urea, N-[3-[4-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-2-pyridiny1- (CA INDEX NAME)

1068806-56-3 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 47 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} J-M & R^4 & \parallel \\ \times & N-E-N & N-R^3 \\ L-Q & R1 & R2 \end{array}$$

AB The title compds. (I; M = absent, CH2, CH(CH2Ph), etc.;  $\mathbb Q$  = CH2, CHR5, etc.;  $\mathbb J$ , K, L = CH2, CH(CH2Ph), etc.;  $\mathbb Z$  = 0, S; E = (CH2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; Rl, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un)substituted 5-7 membered ring; R3 = (un)substituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/da (oral dosage). [This abstract record is one of 17 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

1068806-54-1 1068806-55-2 1068806-56-3 1068813-17-1 1068813-18-2 1068816-66-9 1068816-67-0 1068817-20-8 1068817-21-9 1068817-22-0 1068854-65-8 1068854-87-4 1068859-01-7 1068859-96-0 1068863-09-1 1068863-10-4 1068872-95-6 1068873-23-3

L10 ANSWER 47 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068813-17-1 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068813-18-2 CAPLUS

 ${\tt Urea, \ N-[3-[4-[\langle 2,4-{\tt difluoropheny1}\rangle methyl]-1-piperidinyl]-2-hydroxy-1-nethyl]}$  $(\texttt{phenylmethyl}) \, \texttt{propyl}] \, - \! \texttt{N'-4-pyridinyl-} \quad (\texttt{CA INDEX NAME})$ 

RN 1068816-66-9 CAPLUS
CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068816-67-0 CAPLUS

 $\label{eq:continuity} $$ \operatorname{N-[3-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-4-pyridiny1- (CA INDEX NAME) $$$ 

1068817-20-8 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068817-21-9 CAPLUS

L10 ANSWER 47 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068854-87-4 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068859-01-7 CAPLUS

 ${\tt Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-}\\$ (phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} \text{OB} & \text{CE}_2-\text{Ph} \\ \text{N-CH}_2-\text{CH-CH-NB-C-NH-} \\ \text{O} & \text{N} \end{array}$$

1068859-96-0 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 47 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068817-22-0 CAPLUS
CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN

1068854-65-8 CAPLUS
Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 47 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068863-09-1 CAPLUS
CN Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068863-10-4 CAPLUS

 $\label{thm:condition} {\tt Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]} \\$ (phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068872-95-6 CAPLUS
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068873-23-3 CAPLUS Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068873-45-9 CAPLUS

Urea, N-[3-[3-[4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068878-18-1 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 47 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068912-12-8 CAPLUS

Urea, N=[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068912-40-2 CAPLUS CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4pyridinyl- (CA INDEX NAME)

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 47 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068878-46-5 CAPLUS

(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068881-30-0 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1[phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068881-54-8 CAPLUS

CN Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-

L10 ANSWER 47 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068915-16-1 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068915-26-3 CAPLUS

Urea, N-[3-[3-[(2,4-difluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-4-pyridiny1- (CA INDEX NAME)

RN 1068915-63-8 CAPLUS
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068915-77-4 CAPLUS

CN Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068916-73-3 CAPLUS

CN Orea, N-[3-[3-[0,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068917-76-9 CAPLUS

CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-

L10 ANSNER 47 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068937-21-2 CAPLUS

William W. (2-[4-[4-florophenyl]methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl (CA INDEX NAME)

RN 1068938-05-5 CAPLUS

CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068938-17-9 CAPLUS

Page 236

L10 ANSWER 47 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) N'-4-pyridinyl- (CA INDEX NAME)

RN 1068921-23-2 CAPLUS

CN Urea, N=[2-hydrox]-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068929-96-3 CAPLUS

CN Urea, N-[3-[3-[4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068930-55-1 CAPLUS

L10 ANSWER 47 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068938-28-2 CAPLUS

CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT 19991022

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911740 CAPLUS 133:368948

DOCUMENT NUMBER:

Preparation of N-ureidoalkyl-piperidines as modulators

of chemokine receptor activity
Ko, Soo S.; Duncia, John V. K.; Santella, Joseph B., INVENTOR(S):

III; Wacker, Dean A.; Kim, Ui Tae Du Pont Pharmaceuticals Company, USA PCT Int. Appl., 351 pp.

PATENT ASSIGNEE(S): SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent English

LANGUAGE:

PATENT INFORMATION:

PAT	PATENT NO.					KIND DATE				APPL:	ICAT:	DATE						
WO:	WO 2000035454 A1						20000	0622	WO 1999-XJ30336						19991217			
W:	AL,	ΑU,	BR,	CA,	CN,	CZ,	EE,	ΗU,	IL,	IN,	J₽,	KR,	LT,	LV,	MK,	MX,	NO,	
	NZ,	PL,	RO,	SG,	SI,	SK,	TR,	UA,	WN,	ZA,	AM,	ΑZ,	BY,	KG,	KΣ,	MD,	RU,	
	TJ,	TM																
RW:	AT,	BE,	CH,	CY,	DE,	DK,	ES,	FI,	FR,	GB,	GR,	IE,	IT,	LU,	MC,	$\mathbb{NL}_{r}$	PT,	
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PRIORITY APPLN. INFO.: US 1998-112717P US 1999-161184P

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L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068892-40-9 1068892-54-5 1068892-65-8 1068892-76-1 1068905-26-9 1068907-26-5 1068907-36-7 1068907-73-2 1068910-81-5 1068911-04-5 1068916-89-1 1068917-18-9 1068917-39-4 1068917-61-2 1071473-57-8 1071473-79-4 1071474-30-0 1071493-27-0 1071494-42-2 1071515-69-9 1071516-11-4 1071765-99-5 1071766-00-1 1071766-01-2 1071782-22-3 1071782-24-5 1071790-81-2 1071790-85-6 1071793-79-7 1071793-80-0 1072442-93-3 1072443-00-5 1072443-01-6 1072451-14-9 1072451-17-2 1072456-32-6 1072456-33-7 1075238-45-7 1075239-77-8 1075241-31-4 1075242-95-3 1075244-05-1 1075245-94-1 1075246-10-4 1075246-42-2 1075249-62-5 RL: PRPH (Prophetic)  $({\tt Preparation} \ {\tt of} \ {\tt N-ureidoalkyl-piperidines} \ {\tt as} \ {\tt modulators} \ {\tt of} \ {\tt chemokine}$ receptor activity) RN 1068836-71-4 CAPLUS Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068836-72-5 CAPLUS

 ${\tt Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidin$ phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} J-M & R^4 & & \\ \hline & & & \\ K & N-E-N & N-R^3 \\ L-Q & R1 & R2 \end{array}$$

AB The title compds. (I; M = absent, CH2, CH(CH2Ph), etc.;  $\mathbb Q$  = CH2, CHR5, etc.;  $\mathbb J$ , K, L = CH2, CH(CH2Ph), etc.;  $\mathbb Z$  = 0, S; E = (CH2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; Rl, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un)substituted 5-7 membered ring; R3 = (un)substituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/da (oral dosage). [This abstract record is one of 17 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

1068836-71-4 1068836-72-5 1068841-09-7 1068841-10-0 1068845-00-0 1068845-01-1 1068845-22-6 1068845-23-7 1068845-24-8 1068852-37-8 1068852-38-9 1068855-40-2 1068855-41-3 1068859-61-9 1068859-62-0 1068859-63-1 1068887-73-9 1068889-12-2

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068841-09-7 CAPLUS

Urea, N-[3-[3-[4.4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068841-10-0 CAPLUS

1068845-00-0 CAPLUS
Urea, N-[3-[3-((2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068845-01-1 CAPLUS

 $\label{eq:continuous} \mbox{Urea, $\mathbb{N}-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyl]} = 0.$ phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068845-22-6 CAPLUS
Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068845-23-7 CAPLUS

CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068855-40-2 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068855-41-3 CAPLUS
CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068859-61-9 CAPLUS
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068845-24-8 CAPLUS
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068852-37-8 CAPLUS
Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068859-62-0 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

1068859-63-1 CAPLUS RN

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068887-73-9 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068889-12-2 CAPLUS
CN Urea, N-[3-[4-([4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068892-40-9 CAPLUS RN

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068892-54-5 CAPLUS Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)
CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068907-26-5 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068907-36-7 CAPLUS CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

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L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068892-65-8 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068892-76-1 CAPLUS

RN 1068905-26-9 CAPLUS

- L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

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RN 1068910-81-5 CAPLUS
CN Urea, N-[3-[4-[(2-fluoropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068911-04-5 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068916-89-1 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N\*-3-pyridinyl- (CA INDEX NAME)

1068917-18-9 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N\*-2-pyridinyl- (CA INDEX NAME)

1068917-39-4 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

1071474-30-0 CAPLUS
Urea, N-[1-[2-[4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1071493-27-0 CAPLUS

 $\label{eq:continuous} $$ Urea, N-[1-[2-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]-1-hydroxyethy1]-3-methylbuty1]-N'-2-pyridiny1- (CA INDEX NAME)$ 

RN 1071494-42-2 CAPLUS

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L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068917-61-2 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

CN

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Trea, N-[1-[2-[4-[(2-fluorophenyl]methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1071515-69-9 CAPLUS
CN Urea, N-[1-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1071516-11-4 CAPLUS
CN Urea, N-[1-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

 $\texttt{CN} \qquad \texttt{Urea, N-[1-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-}$ 

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1071766-00-1 CAPLUS

Orea, N-[1-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

1071766-01-2 CAPLUS

Urea, N-[1-[2-[4-[(4-fhlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1071790-85-6 CAPLUS

 $\begin{tabular}{ll} Urea, $N-[1-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME) \\ \end{tabular}$ 

1071793-79-7 CAPLUS

Urea, N-[1-[1-hydroxy-2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

Urea, N-[1-[1-hydroxy-2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1071782-22-3 CAPLUS

 $\label{thm:continuous} \begin{tabular}{ll} Urea, $N-[1-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-piperidinyl] (a) $$ $(2-chlorophenyl)methyl] = 1-piperidinyl] = 1-piperidinyl] $$ $(2-chlorophenyl)methyl] = 1-piperidinyl] = 1-pip$ methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1071782-24-5 CAPLUS

| Urea, N-[1-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

1071790-81-2 CAPLUS

Urea, N-[1-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1072442-93-3 CAPLUS

CN Urea, N-[1-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1072443-00-5 CAPLUS

 $\label{lem:urea} $$ \operatorname{N-[1-[2-3-[(4-fluorophenyl)]}_{-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME) $$$ 

RN

1072443-01-6 CAPLUS
Urea, N-[1-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1072451-14-9 CAPLUS
CN Urea, N-[1-[2-(3-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyxidinyl- (CA INDEX NAME)

1072451-17-2 CAPLUS

Urea, N-[1-2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1072456-32-6 CAPLUS

Urea, N-[1-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyxidinyl- (CA INDEX NAME)

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1075241-31-4 CAPLUS

Urea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1075242-95-3 CAPLUS

 $\label{eq:continuous} \textit{Urea, N-[1-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-}$ hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1075244-05-1 CAPLUS

Urea, N-[1-[1-hydroxy-2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1072456-33-7 CAPLUS
CN Urea, N-[1-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1075238-45-7 CAPLUS
CN Urea, N-[1-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1075239-77-8 CAPLUS
CN Urea, N-[1-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl (CA INDEX NAME)

L10 ANSWER 48 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1075245-94-1 CAPLUS
CN Urea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1075246-10-4 CAPLUS

Nora, N-[1-[2-[3-[(2-hlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1075246-42-2 CAPLUS

Urea, N-[1-[1-hydroxy-2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1075249-62-5 CAPLUS
Urea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE  $\theta$  CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 49 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{bmatrix} J-M & R^4 & & & \\ K & N-E-N & & N-R^3 \\ L-Q & R1 & R2 \end{bmatrix}$$

AB The title compds. [I; M = absent, CH2, CH(CH2Ph), etc.; Q = CH2, CHR5, The title compos. [Lf M = ansent, CHz, CH(CHZPH), etc.; Q = CHz, CHRO, etc.; Z = CHz), K, L = CH2, CHCCH2Ph, etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; Kl, R2 = H, Alkyl, Alkenyl, etc.; R2 and R3 may join to form (un)substituted 5-7 membered ring; R3 = (un)substituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20  $m_0/k_B/da$  (oral dosage). [This abstract record is one of 17 records for this document necessitated by the large number of index entries required to fully index the document and publication

system constraints.] 1068717-17-8 1068722-92-8 1068734-88-2 1068734-89-3 1068735-83-0 1068735-84-1 1068739-23-0 1068739-24-1 1068739-64-9 1068739-65-0 1068744-83-1 1068744-84-2 1068748-24-2 1068748-25-3 1068748-64-0 1068748-65-1 1068814-75-4 1068814-76-5 1068818-24-5 1068818-25-6 1068821-75-9 1068821-76-0 1068822-32-1 1068822-33-2 1068822-34-3 1068830-08-9 1068830-09-0 1068834-46-7 1068834-48-9 1068838-67-4

L10 ANSWER 49 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: DOCUMENT NUMBER: 2000:911739 CAPLUS 133:368947

Preparation of N-ureidoalkyl-piperidines as modulators

of chemokine receptor activity
Ko, Soo S.; Duncia, John V. K.; Santella, Joseph B.,

INVENTOR(S):

III; Wacker, Dean A.; Kim, Ui Tae Du Pont Pharmaceuticals Company, USA PCT Int. Appl., 351 pp. PATENT ASSIGNEE(S):

SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE WO 2000035454 A1 20000622 WO 1999-XI30336 W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, FT, SE PRIORITY APPLN. INFO:: US 1998-112717P 19981218

US 1999-161184P

19991022

GI

L10 ANSWER 49 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068838-68-5 1068838-69-6 1068857-11-3 1068857-13-5 1068861-51-7 1068861-52-8 1068862-23-6 1068862-24-7 1068866-47-6 1068866-48-7 1068866-49-8 RL: PRPH (Prophetic)
(Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity) 1068717-17-8 CAPLUS RN INDEX NAME NOT YET ASSIGNED

1068722-92-8 CAPLUS INDEX NAME NOT YET ASSIGNED

1068734-88-2 CAPLUS

INDEX NAME NOT YET ASSIGNED

L10 ANSMER 49 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) NN 1068734-89-3 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068735-83-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068735-84-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068739-23-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 49 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068744-83-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068744-84-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-24-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 49 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068739-24-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1068739-64-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068739-65-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 49 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068748-25-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

RN 1068748-64-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-65-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSMER 49 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) NN 1068814-75-4 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068814-76-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068818-24-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 49 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) RN 1068822-32-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068822-33-2 CAPLUS INDEX NAME NOT YET ASSIGNED

1068822-34-3 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN 1068830-08-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 49 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068818-25-6 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068821-75-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068821-76-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 49 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068830-09-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068834-46-7 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068834-48-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 49 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068838-67-4 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068838-68-5 CAPLUS INDEX NAME NOT YET ASSIGNED

1068838-69-6 CAPLUS INDEX NAME NOT YET ASSIGNED

L10 ANSWER 49 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068861-52-8 CAPLUS

Urea, N-[3-[3-[4-dichloropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N\*-4-pyridinyl- (CA INDEX NAME)

1068862-23-6 CAPLUS

 $\begin{tabular}{ll} Urea, $N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME) \\ \end{tabular}$ 

 $\label{localize} $$1068862-24-7$$ $$CAPLUS$$ Urea, $N-[3-[3-((2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)$ 

L10 ANSWER 49 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068857-11-3 CAPLUS
CN Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068857-13-5 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068861-51-7 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methy1propy1]-N'-2-pyridiny1- (CA INDEX NAME)

L10 ANSWER 49 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068866-47-6 CAPLUS
CN Urea, N-[3-[3-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-2-pyridiny1- (CA INDEX NAME)

RN 1068866-48-7 CAPLUS
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

$$\mathsf{CH}_2 \longrightarrow \mathsf{N} \longrightarrow \mathsf{CH}_2 - \mathsf{CH} - \mathsf{CH} - \mathsf{NH} - \mathsf{C} - \mathsf{NH} \longrightarrow \mathsf{N}$$

RN 1068866-49-8 CAPLUS
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{bmatrix} J-M & R^4 & \parallel \\ N-E-N & N \end{bmatrix}$$

$$\begin{bmatrix} K & N-E-N & N \\ L-Q & 1 & 1 \\ 2 & 1 & 1 \end{bmatrix}$$

The title compds. [I, M = absent, CH2, CH(CH2Ph), etc.; Q = CH2, CH(CH2Ph), etc.; J, K, L = CH2, CH(CH2Ph), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(OH)CR(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un) substituted 5-7 membered ring; R3 = (un) substituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases were yearard and formulated E of a multi-steen sumthesis of L1 diseases were yearard and formulated E of a multi-steen sumthesis of L1 diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/day (oral dosage). [This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

1068806-54-1 1068806-55-2 1068806-56-3 1068813-17-1 1068813-18-2 1068816-66-9 1068816-67-0 1068817-20-8 1068817-21-9 1068817-22-0 1068836-71-4 1068836-72-5 1068841-09-7 1068841-10-0 1068845-00-0 1068845-01-1 1068845-22-6 1068845-23-7 1068845-24-8 1068852-37-8 1068852-38-9 1068854-65-8 1068854-87-4 1068855-40-2 1068855-41-3 1068859-01-7 1068859-61-9 1068859-62-0 1068859-63-1 1068859-96-0 1068863-09-1 1068863-10-4 1068872-95-6

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911730 CAPLUS 133:368943

DOCUMENT NUMBER:

Preparation of N-ureidoalkyl-piperidines as modulators

of chemokine receptor activity
Ko, Soo S.; Delucca, George V.; Duncia, John V.; Kim, INVENTOR(S): Ui Tae; Santella, Joseph B. Iii; Wacker, Dean A. K.

PATENT ASSIGNEE(S): Du Pont Pharmaceuticals Company, USA PCT Int. Appl., 388 pp.

SOURCE: CODEN: PIXXD2

DOCUMENT TYPE: Patent English

LANGUAGE: PATENT INFORMATION:

PATENT NO KIND DATE APPLICATION NO. DATE WO 2000035452 A1 20000622 WO 1999-XH30334 W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, EW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, FT, SE
PRIORITY APPLN. INFO:: US 1998-112717P 19981218

US 1999-161221P

19991022

GI

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068873-23-3 1068873-45-9 1068878-18-1 1068878-46-5 1068881-30-0 1068881-54-8 1068887-73-9 1068889-12-2 1068892-40-9 1068892-54-5 1068892-65-8 1068892-76-1 1068905-26-9 1068907-26-5 1068907-36-7 1068907-73-2 1068910-81-5 1068911-04-5 1068912-12-8 1068912-40-2 1068915-03-6 1068915-16-1 1068915-26-3 1068915-63-8 1068915-77-4 1068916-73-3 1068916-89-1 1068917-18-9 1068917-39-4 1068917-61-2 1068917-76-9 1068918-49-9 1068921-23-2 1068923-15-8 1068923-37-4 1068923-59-0 1068929-96-3 1068930-55-1 1068937-21-2 1068937-82-5 1068938-05-5 1068938-17-9 1068938-28-2 1068938-64-6 1068943-19-0 1068943-30-5 1068943-41-8 1072442-93-3 1072443-00-5 1072443-01-6 1072451-14-9 1072451-17-2 1072456-32-6 1072456-33-7 1075238-45-7 1075239-77-8 1075241-31-4 1075242-95-3 1075244-05-1 1075245-94-1 1075246-10-4 1075246-42-2 1075249-62-5 RL: PRPH (Prophetic) (Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity) RN 1068806-54-1 CAPLUS

Urea, N-[3-[4-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-3-pyridiny1- (CA INDEX NAME)

RN 1068806-55-2 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068806-56-3 CAPLUS
CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068813-17-1 CAPLUS

 $\label{lem:condition} $$ \operatorname{N-[3-[4-[(2,4-\operatorname{difluoropheny1})\operatorname{methy1}]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-2-pyridiny1- (CA INDEX NAME) $$$ 

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068817-20-8 CAPLUS

 $\label{lem:uran} $$ \operatorname{N-[3-[4-(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-2-pyridiny1-(CA INDEX NAME) $$$ 

1068817-21-9 CAPLUS
Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068817-22-0 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068813-18-2 CAPLUS
CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068816-66-9 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068816-67-0 CAPLUS

Urea, N-[3-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-4-pyridiny1- (CA INDEX NAME)

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068836-71-4 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068836-72-5 CAPLUS
CN Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068841-09-7 CAPLUS

Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068841-10-0 CAPLUS

 ${\tt Urea, \ N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyllorophenyl)}$ phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068845-00-0 CAPLUS

 ${\tt Urea, \ N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyll-2-hydroxy$ phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068845-01-1 CAPLUS

Urea, N-[3-[3-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[4-6 CAPLUS
Urea, N-[3-[4-6-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068852-37-8 CAPLUS

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068852-38-9 CAPLUS

Urea, N-[3-[3-[4]-difluorophenyl]methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

 $\texttt{CN} \qquad \texttt{Urea, N-[3-[4-[(2,4-\texttt{dichlorophenyl})methyl]-1-piperidinyl]-2-hydroxy-1-} \\$ 

Page 249

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068845-22-6 CAPLUS
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068845-23-7 CAPLUS
Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068854-87-4 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME

RN 106885-40-2 CAPLUS
CN Urea, N-[3-[3-((2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyxidinyl- (CA INDEX NAME)

$$\begin{array}{c|c} \text{OH Ph} & \text{O} \\ \text{CH}_2 & \text{N--} \text{CH}_2 - \text{CH--} \text{N--} \text{C--} \text{N--} \\ \text{F} \end{array}$$

RN 106885-41-3 CAPLUS
CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

RN 1068859-01-7 CAPLUS
CN Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068859-61-9 CAPLUS
Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068859-62-0 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068872-95-6 CAPLUS

 ${\tt Urea, \ N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyll-2-hydroxy-$ (phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068873-23-3 CAPLUS
Urea, N-[3-[3-[(2-fluoropheny1)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068859-63-1 CAPLUS
CN Urea, N-[3-[3-[(4-fluoropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068859-96-0 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068863-09-1 CAPLUS

 $\label{thm:continuity} \begin{tabular}{ll} $\tt Urea, N-[3-[4-((2-hloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-(phenylmethy1)propy1]-N'-2-pyridiny1-(CA INDEX NAME) \\ \end{tabular}$ 

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} \text{OH} & \text{CH}_2-\text{Ph} \\ \hline \\ \text{CH}_2-\text{CH}-\text{CH}-\text{NH}-\text{C}-\text{NH}-\text{C} \\ \hline \\ \text{F} \end{array}$$

RN 1068873-45-9 CAPLUS

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

1068878-18-1 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-3-pyridinyl- (CA INDEX NAME)

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

RN 1068881-30-0 CAPLUS

 $\begin{tabular}{ll} $\tt CN$ & Urea, $\tt N-[3-[3-[4,4-dichlorophenyl]methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME) \\ \end{tabular}$ 

RN 1068881-54-8 CAPLUS

CN Urea, N=[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068887-73-9 CAPLUS

CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N\*-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068892-65-8 CAPLUS

CN Urea, N-[3-[4-[(n,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068892-76-1 CAPLUS

CN Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N\*-4-pyridinyl- (CA INDEX NAME)

RN 1068905-26-9 CAPLUS

CN Urea, N=[3-[4-[(4-fivorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME) L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068889-12-2 CAPLUS

CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068892-40-9 CAPLUS

CN Urea, N-[3-[4-((4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068892-54-5 CAPLUS

CN Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068907-26-5 CAPLUS

CN Urea, N-[3-[4-(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068907-36-7 CAPLUS

CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068907-73-2 CAPLUS

CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068910-81-5 CAPLUS
Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068911-04-5 CAPLUS

 $\label{thm:condition} $$ \operatorname{N-[3-[4-[(2,4-\operatorname{difluoropheny1})]}_{-1-\operatorname{piperidiny1}]-2-\operatorname{hydroxy-1-pheny1propy1]-N'-4-pyridiny1- (CA INDEX NAME)} $$$ 

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068915-26-3 CAPEUS
CN Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NRME)

RN 1068915-63-8 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068912-12-8 CAPLUS
CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068912-40-2 CAPLUS

Urea, N-[3-[4-[(2-flooropheny1)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068915-03-6 CAPLUS

Urea, N-[3-[3-[4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068915-16-1 CAPLUS

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068916-73-3 CAPLUS

Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068916-89-1 CAPLUS
CN Urea, N-[3-[4-(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-3-pyzidinyl- (CA INDEX NAME)

1068917-18-9 CAPLUS RN

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068917-39-4 CAPLUS

 $\label{thm:condition} \mbox{Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-p$ phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068917-61-2 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxypheny1)methy1]-1-piperidiny1]-1-phenylpropy1]-N'-2-pyridiny1- (CA INDEX NAME)

RN 1068917-76-9 CAPLUS

- L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} \text{C1} & \text{Ph} & \text{O} \\ & \text{N} & \text{CH}_2\text{-CH}_2\text{-CH} - \text{NH} - \text{C} - \text{NH} \\ \end{array}$$

1068923-37-4 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \operatorname{C1} & \operatorname{Ph} & \operatorname{O} \\ \operatorname{CH}_2 - \operatorname{CH}_2 - \operatorname{CH}_2 - \operatorname{CH} - \operatorname{NH} - \operatorname{C} - \operatorname{NH} \\ \end{array}$$

1068923-59-0 CAPLUS

Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

Page 253

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN

1068918-49-9 CAPLUS
Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-4pyridinyl- (CA INDEX NAME) CN

RN 1068921-23-2 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068930-55-1 CAPLUS RN

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068937-21-2 CAPLUS

 $\label{thm:condition} \mbox{Urea, $\mathbb{N}-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-$\mathbb{N}^s-2-$}$ pyridinyl- (CA INDEX NAME)

CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068938-05-5 CAPLUS

Urea, N-[3-[4-[(4-fluoropheny1)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

 $1068938-17-9 \quad {\tt CAPLUS} \\ {\tt Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-} \\$ pyridinyl- (CA INDEX NAME)

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068943-30-5 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068943-41-8 CAPLUS

 $\label{eq:continuity} \mbox{Urea, N-[3-[4-([3-methoxyphenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME) \mbox{ NAME} \mbox{}$ 

Urea, N-[1-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068938-28-2 CAPLUS

Nea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068938-64-6 CAPLUS

CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068943-19-0 CAPLUS
CN Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-phenylpropyl]-N'-2pyridinyl- (CA INDEX NAME)

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1072443-00-5 CAPLUS

 $\label{thm:condition} $$ \operatorname{N-[1-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME) $$$ CN

1072443-01-6 CAPLUS RN

Nrea, N-[1-[2-[3-[[4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1072451-14-9 CAPLUS
CN Urea, N-[1-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1072451-17-2 CAPLUS
CN Urea, N-[1-[2-(3-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyxidinyl- (CA INDEX NAME)

1072456-32-6 CAPLUS

Urea, N-[1-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1072456-33-7 CAPLUS

Urea, N-[1-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1075242-95-3 CAPLUS
Urea, N-[1-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1075244-05-1 CAPLUS

Urea, N-[1-[1-hydroxy-2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1075245-94-1 CAPLUS

Urea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1075238-45-7 CAPLUS RN

 $\label{thm:continuous} \mbox{Urea, N-[1-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-hydroxyethyll[3-hydroxyethyl]-3-hydroxyethyll[3-hydroxyethyll]-3$ methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1075239-77-8 CAPLUS
CN Urea, N-[1-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1075241-31-4 CAPLUS

Urea, N-[1-[2-[3-[(4-chloropheny1)methy1]-1-piperidiny1]-1-hydroxyethy1]-3-

L10 ANSWER 50 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1075246-10-4 CAPLUS

 $\label{lem:continuity} $$ \operatorname{Im}_{-[2-|3-|(2-\operatorname{chlorophenyl})\mathrm{methyl}]-1-\operatorname{piperidinyl}-1-\operatorname{hydroxyethyl}-3-\mathrm{methylbutyl}-N'-2-\operatorname{pyridinyl}- (CA INDEX NAME)$$ CN

1075246-42-2 CAPLUS

Urea, N-[1-[1-hydroxy-2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1075249-62-5 CAPLUS
CN Urea, N-[1-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

8

REFERENCE COUNT:

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{bmatrix} J-M & R^4 & & & \\ & N-E-M & & & \\ & L-Q & & R^1 & R^2 \end{bmatrix}$$

The title compds. [I, M = absent, CH2, CH(CH2Ph), etc.; Q = CH2, CH(CH2Ph), etc.; J, K, L = CH2, CH(CH2Ph), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(OH)CR(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un) substituted 5-7 membered ring; R3 = (un) substituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases were yearard and formulated E or a multi-steen sumthesis of LI diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/day (oral dosage). [This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and

publication system constraints.] 1068717-17-8 1068720-32-0 1068720-33-1 1068721-27-6 1068721-28-7 1068722-92-8 1068725-40-5 1068725-41-6 1068731-10-1 1068731-11-2 1068731-43-0 1068731-44-1 1068734-88-2 1068734-89-3 1068735-83-0 1068735-84-1 1068736-62-8 1068736-64-0 1068738-32-8 1068738-82-8 1068739-23-0 1068739-24-1 1068739-64-9 1068739-65-0 1068741-85-4 1068744-83-1 1068744-84-2 1068747-30-7 1068748-24-2 1068748-25-3 1068748-64-0 1068748-65-1 1068748-95-7

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911729 CAPLUS 133:368942

DOCUMENT NUMBER:

Preparation of N-ureidoalkyl-piperidines as modulators

of chemokine receptor activity
Ko, Soo S.; Delucca, George V.; Duncia, John V.; Kim, INVENTOR(S): Ui Tae; Santella, Joseph B. Iii; Wacker, Dean A. K.

PATENT ASSIGNEE(S): Du Pont Pharmaceuticals Company, USA PCT Int. Appl., 388 pp.

SOURCE: CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

PATENT INFORMATION:

PATENT NO KIND DATE APPLICATION NO. DATE ----WO 2000035452 A1 20000622 WO 1999-XG30334 W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, NY AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, FT, SE PRIGRITT APPLN. INFO: US 1998-112717P 19981218

US 1999-161221P 19991022

GI

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068748-97-9 1068749-57-4 1068749-58-5 1068749-90-5 1068749-91-6 1068750-82-2 1068753-30-9 1068753-31-0 1068758-94-0 1068758-95-1 1068762-34-4 1068762-74-2 1068762-75-3 1068799-73-4 1068799-74-5 1068807-87-3 1068809-13-1 1068811-36-8 1068811-37-9 1068811-93-7 1068811-94-8 1068811-95-9 1068814-75-4 1068814-76-5 1068818-24-5 1068818-25-6 1068821-75-9 1068821-76-0 1068822-32-1 1068822-33-2 1068822-34-3 1068830-08-9 1068830-09-0 1068834-46-7 1068834-48-9 1068838-67-4 1068838-68-5 1068838-69-6 1068857-11-3 1068857-13-5 1068861-51-7 1068861-52-8 1068862-23-6 1068862-24-7 1068866-47-6 1068866-48-7 1068866-49-8 1071473-57-8 1071473-79-4 1071474-30-0 1071493-27-0 1071494-42-2 1071515-69-9 1071516-11-4 1071765-99-5 1071766-00-1 1071766-01-2 1071782-22-3 1071782-24-5 1071790-81-2 1071790-85-6 1071793-79-7 1071793-80-0 RL: PRPH (Prophetic) (Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity RN 1068717-17-8 CAPLUS

1068720-32-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Trea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068720-33-1 CAPLUS

 $\label{thm:condition} \mbox{Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl]-2-hydroxy-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-p$ methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068721-27-6 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068731-10-1 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068731-11-2 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068731-43-0 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

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L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068721-28-7 CAPLUS
CN Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068722-92-8 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068725-40-5 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068731-44-1 CRPLUS
CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN 1068734-88-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068734-89-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1068735-83-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068735-84-1 CAPLUS

INDEX NAME NOT YET ASSIGNED

1068736-62-8 CAPLUS
Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 2-pyridinyl- (CA INDEX NAME)

1068739-23-0 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN 1068739-24-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068739-64-9 CAPLUS

INDEX NAME NOT YET ASSIGNED

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068736-64-0 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068738-32-8 CAPLUS
CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068738-82-8 CAPLUS

CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068739-65-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068741-85-4 CAPLUS

CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068744-83-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068744-84-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

OH Pr-i -CHO-CH-CH-NH-C-NH

1068747-30-7 CAPLUS
Urea, N=[3-[3-[(4-chlorophenyl)]methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068748-24-2 CAPLUS INDEX NAME NOT YET ASSIGNED

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068748-95-7 CAPLUS

Urea, N-[2-hydroxy-3-[3-(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068748-97-9 CAPLUS

| Nuca, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-| 4-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{OH} \\ \text{OH} \\ \text{CH}_2 - \text{CH} - \text{CH}_2 - \text{NH} - \text{C-NH} \end{array}$$

1068749-57-4 CAPLUS
Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068748-25-3 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-64-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068748-65-1 CAPLUS

INDEX NAME NOT YET ASSIGNED

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068749-58-5 CAPLUS
CN Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'2-pyridinyl- (CA INDEX NRME)

RN 1068749-90-5 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]N'-2-pyridinyl- (CA INDEX NAME)

RN 1068749-91-6 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]N'-4-pyridinyl- (CA INDEX NAME)

1068750-82-2 CAPLUS

 $\label{eq:continuous} \textit{Urea, } \mathbb{N}-[3-[3-[4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}^4-[3-[4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-\mathbb{N}^4-[4-fluoropheny1]-1-piperidi$ 4-pyridinyl- (CA INDEX NAME)

1068753-30-9 CAPLUS

Urea, N-[3-[3-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-3-pyridinyl- (CA INDEX NAME)

1068753-31-0 CAPLUS
Urea, N-[3-[3-[(4-chlorophemyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[3-[(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-3-pyridinyl- (CA INDEX NAME)

1068762-74-2 CAPLUS Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidimyl]-2-hydroxypropyl]-N'-2-pyridimyl- (CA INDEX NAME) CN

1068762-75-3 CAPLUS

 $\label{thm:condition} {\tt Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N^s-1} \\$ 4-pyridinyl- (CA INDEX NAME)

1068799-73-4 CAPLUS
Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068758-94-0 CAPLUS

Urea, N-[3-[3-(12,4-difluoropheny1)methyl]-1-piperidiny1]-2-hydroxypropyl]-N'-2-pyridiny1 (CA INDEX NAME)

1068758-95-1 CAPLUS

 $\label{lem:urea_N-3-3-4-4-prop} $$ Urea, N-[3-[3-(2,4-difluoropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-4-pyridiny1- (CA INDEX NAME)$ CN

RN 1068762-34-4 CAPLUS

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068799-74-5 CAPLUS
CN Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-methylpropyl]-N'-2-pyxidinyl- (CA INDEX NAME)

RN 1068807-87-3 CAPLUS
CN Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068809-13-1 CAPLUS
CN Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068811-36-8 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068811-37-9 CAPLUS
Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068811-93-7 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068814-76-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068818-24-5 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN 1068818-25-6 CAPLUS

INDEX NAME NOT YET ASSIGNED

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068811-94-8 CAPLUS
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068811-95-9 CAPLUS
Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068814-75-4 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068821-75-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068821-76-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068822-32-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

1068822-33-2 CAPLUS

INDEX NAME NOT YET ASSIGNED

1068822-34-3 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN 1068830-08-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CN INDEX NAME NOT YET ASSIGNED

RN 1068838-67-4 CAPLUS

INDEX NAME NOT YET ASSIGNED

1068838-68-5 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN 1068838-69-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068830-09-0 CAPLUS

INDEX NAME NOT YET ASSIGNED CN

RN 1068834-46-7 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068834-48-9 CAPLUS

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068857-11-3 CAPLUS

 $\label{thm:condition} \begin{tabular}{ll} $\operatorname{Ir}_{2-\text{hydroxy-3-[3-[(3-\text{methoxypheny1})methy1]-1-piperidiny1]-1-methylpropy1]-N'-2-pyridiny1- (CA INDEX NAME) \\ \end{tabular}$ 

RN 1068857-13-5 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068861-51-7 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068861-52-8 CAPLUS

 ${\tt Urea, \ N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyllorophenyl)}$ methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

 $\label{local-equation} 1068862-23-6 \quad {\tt CAPLUS} \\ {\tt Urea, N-[3-[3-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-piperidiny1]-2-hydroxy-1-piperidiny1]-2-hydroxy-1-piperidiny1]-2-hydroxy-1-piperidiny1]-2-hydroxy-1-piperidiny1]-2-hydroxy-1-piperidiny1]-2-hydroxy-1-piperidiny1]-2-hydroxy-1-piperidiny1]-2-hydroxy-1-piperidiny1]-2-hydroxy-1-piperidiny1]-2-hydroxy-1-piperidiny1]-2-hydroxy-1-piperidiny1]-1$ methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068862-24-7 CAPLUS

Urea, N-[3-[3-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-

- L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1071473-57-8 CAPLUS

Urea, N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1071473-79-4 CAPLUS
Urea, N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME)

Page 263

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068866-47-6 CAPLUS
CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068866-48-7 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

- L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[1-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN 1071493-27-0 CAPLUS

Urea, N-[1-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1071494-42-2 CAPLUS

Urea, N-[1-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1071515-69-9 CAPLUS

Urea, N-[1-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1071516-11-4 CAPLUS Urea, N-[1-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-1hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

1071765-99-5 CAPLUS
Urea, N-[1-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Urea, N-[1-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

1071782-24-5 CAPLUS

Urea, N-[1-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1071790-81-2 CAPLUS
CN Urea, N-[1-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-1hydroxyethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

 ${\tt CN \qquad Urea, \ N-[1-[2-[4-[(2,4-{\tt dichlorophenyl}){\tt methyl}]-1-piperidinyl[-1-piperidinyl]-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-1-piperidinyl[-$ 

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1071766-00-1 CAPLUS

 $\label{lem:urea} $$ \operatorname{N-[1-[2-[4-[(4-chlorophenyl)]]-1-piperidinyl]-1-hydroxyethyl]-3-methylbutyl]-N'-3-pyridinyl- (CA INDEX NAME) $$$ CN

1071766-01-2 CAPLUS
Urea, N-[1-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-1-hydroxyethyl]-3-CN methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1071782-22-3 CAPLUS

L10 ANSWER 51 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) hydroxyethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1071793-79-7 CAPLUS

Urea, N-[1-[1-hydroxy-2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1071793-80-0 CAPLUS
CN Urea, N-[1-[1-hydroxy-2-[4-[(3-methoxypheny1)methyl]-1-piperidinyl]ethyl]-3-methylbutyl]-N'-4-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

SOURCE:

L10 ANSWER 52 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 2000:911728 CAPLUS 133:368941 DOCUMENT NUMBER:

Preparation of N-ureidoalkyl-piperidines as modulators

of chemokine receptor activity
Ko, Soo S.; Delucca, George V.; Duncia, John V.; Kim, INVENTOR(S): Ui Tae; Santella, Joseph B. Iii; Wacker, Dean A. K.

PATENT ASSIGNEE(S): Du Pont Pharmaceuticals Company, USA PCT Int. Appl., 388 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE WO 2000035452 A1 20000622 WO 1999-XF30334 W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, FT, SE PRIORITY APPLN. INFO:: US 1998-112717P 19981218

US 1999-161221P 19991022

GI

L10 ANSWER 52 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

The title compds. [I, M = absent, CH2, CH(CH2Ph), etc.; Q = CH2, CH(CH2Ph), etc.; J, K, L = CH2, CH(CH2Ph), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(OH)CR(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un) substituted 5-7 membered ring; R3 = (un) substituted Fh, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases were prepared and formulated E, E, a multi-step sumbhes of L1 diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/day (oral dosage). [This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and

publication system constraints.] Publication system constraints.]
1068820-27-8 1068822-61-6 1068822-62-7
1068823-44-8 1068827-49-5 106882-22-7
1068835-49-3 1068835-50-6 1068836-21-4
1068835-49-3 1068835-66-7 1068850-53-2
1068850-54-3 1068850-66-7 1068851-18-2 1068851-44-4

RL: PRPH (Prophetic) (Preparation of N-ureidoalkyl-piperidines as modulators of chemokine

receptor activity) 1068820-27-8 CAPLUS

 ${\tt CN \qquad Urea, \ N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-left of the control of the property of the control of$ 

L10 ANSWER 52 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 2-pyridinyl- (CA INDEX NAME)

RN 1068822-61-6 CAPLUS
CN Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]N'-2-pyridinyl- (CA INDEX NAME)

RN 1068822-62-7 CAPLUS
CN Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]N'-4-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \operatorname{cl} & \overset{\operatorname{OH}}{\longrightarrow} & \overset{\operatorname{OH}}{\longrightarrow} & \\ \operatorname{CH}_2 & \overset{\operatorname{OH}}{\longrightarrow} & \operatorname{CH}_2 - \operatorname{CH}_2 - \operatorname{NH} - \operatorname{C} - \operatorname{NH} \\ \end{array}$$

 $\texttt{CN} \qquad \texttt{Urea, N-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-1-piperidiny1]-2-hydroxypropy1]-N'-1-piperidiny1]-2-hydroxypropy1]-N'-1-piperidiny1]-2-hydroxypropy1]-N'-1-piperidiny1]-2-hydroxypropy1]-N'-1-piperidiny1]-2-hydroxypropy1]-N'-1-piperidiny1]-2-hydroxypropy1]-N'-1-piperidiny1]-2-hydroxypropy1]-N'-1-piperidiny1]-2-hydroxypropy1]-N'-1-piperidiny1]-2-hydroxypropy1]-N'-1-piperidiny1]-1-piperidi$ 

L10 ANSWER 52 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 4-pyridinyl- (CA INDEX NAME)

RN 1068827-49-5 CAPLUS

Urea, N-[3-[4-([(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{Cl} & \text{OH} & \text{O} \\ \text{N} & \text{CH}_2 - \text{CH} - \text{CH}_2 - \text{NH} - \text{C} - \text{NH} \\ \end{array}$$

1068832-27-8 CAPLUS

N'-4-pyridinyl- (CA INDEX NAME)

RN 1068835-49-3 CAPLUS

L10 ANSWER 52 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068836-22-5 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068847-61-9 CAPLUS
CN Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'4-pyridinyl- (CA INDEX NAME)

1068850-53-2 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 52 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'2-pyridinyl- (CA INDEX NAME)

RN 1068835-50-6 CAPLUS
CN Urea, N-[3-[4-[(2-flworophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'4-pyridinyl- (CA INDEX NAME)

1068836-21-4 CAPLUS RN

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 52 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068850-54-3 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068850-66-7 CAPLUS

Urea,  $\mathbb{N}$ -[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]- $\mathbb{N}$ '-2-pyridinyl- (CA INDEX NAME) CN

RN 1068851-18-2 CAPLUS

| Nea, N-[3-[4-[(4-flooropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-3-pyridiny1- (CA INDEX NAME)

1068851-44-4 CAPLUS
Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 53 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

The title compds. [I, M = absent, CH2, CH(CH2Ph), etc.; Q = CH2, CH(CH2Ph), etc.; J, K, L = CH2, CH(CH2Ph), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(OH)CR(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un) substituted 5-7 membered ring; R3 = (un) substituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases were yearard and formulated E or a multi-steen sumthesis of LI diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/day (oral dosage). [This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and

publication system constraints.] publication system constraints.]
1068474-45-2 1068474-48-5 1068481-34-4
1068482-61-0 1068492-23-8 1068492-29-4
1068505-84-9 1068506-67-1 1068510-35-9
1068510-51-9 1068511-49-8 1068512-13-9 1068512-14-0 1068515-81-0 1068516-04-0

1068516-20-0 RL: PRPH (Prophetic)

(Preparation of N-ureidoalkyl-piperidines as modulators of chemokine

receptor activity) 1068474-45-2 CAPLUS

 $\label{eq:continuous} \mbox{Urea, $\mathbb{N}-[3-[3-[3-methoxyphenyl)]$ methyl]$-1-piperidinyl]$ propyl]-$\mathbb{N}'-2-1-piperidinyl]$ and $\mathbb{N}'-2-1-piperidinyl$ propyl]$ and $\mathbb{N}'-2-1-piperidinyl$ propyl$ p$ 

L10 ANSWER 53 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911726 CAPLUS 133:368939

DOCUMENT NUMBER:

Preparation of N-ureidoalkyl-piperidines as modulators

of chemokine receptor activity
Ko, Soo S.; Delucca, George V.; Duncia, John V.; Kim, INVENTOR(S): Ui Tae; Santella, Joseph B. Iii; Wacker, Dean A. K.

PATENT ASSIGNEE(S):

Du Pont Pharmaceuticals Company, USA PCT Int. Appl., 388 pp. SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE WO 2000035452 A1 20000622 WO 1999-XD30334 W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU,

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, FT, SE PRIORITY APPLN. INFO:: US 1998-112717P 19981218 US 1999-161221P 19991022

GI

L10 ANSWER 53 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridinyl- (CA INDEX NAME)

RN 1068474-48-5 CAPLUS

 $\begin{tabular}{ll} $$ Urea, $N-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- $$ (CA INDEX NAME) $$ $$ $$$ 

RN 1068481-34-4 CAPLUS
CN Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} CH_2 & O & O \\ \hline \\ C1 & O & O \\ \end{array}$$

1068482-61-0 CAPLUS
Urea, N-[3-[3-[4,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

1068492-23-8 CAPLUS

 $\label{thm:condition} \mbox{Urea, $N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-} \\$ pyridinyl- (CA INDEX NAME)

1068492-29-4 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068505-84-9 CAPLUS

CN Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-

L10 ANSWER 53 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068511-49-8 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068512-13-9 CAPLUS
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

1068512-14-0 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 53 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridinyl- (CA INDEX NAME)

RN 1068506-67-1 CAPLUS
CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

RN 1068510-35-9 CAPLUS

Urea, N-[3-[3-[(2-chloropheny1)methy1]-1-piperidiny1]propy1]-N'-4-pyridiny1- (CA INDEX NAME) CN

RN 1068510-51-9 CAPLUS

L10 ANSWER 53 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068515-81-0 CAPLUS

Urea, N-[3-[4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN 1068516-04-0 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068516-20-0 CAPLUS
CN Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 54 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

The title compds. [I, M = absent, CH2, CH(CH2Ph), etc.; Q = CH2, CH(CH2Ph), etc.; J, K, L = CH2, CH(CH2Ph), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(OH)CR(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un) substituted 5-7 membered ring; R3 = (un) substituted Fh, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases were prepared and formulated E, E, a multi-step sumbhes of L1 diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/day (oral dosage). [This abstract record is one of 9 records for this document necessitated by the large number of index entries required to fully index the document and

publication system constraints.] 1068449-78-4 1068449-79-5 1068475-29-5 1068475-30-8 1068483-88-4 1068483-90-8 1068485-36-8 1068485-40-4 1068495-24-8 1068495-28-2 1068495-29-3 1068507-04-9 1068507-05-0 1068512-53-7 1068512-54-8 1068518-24-0 1068518-26-2 1068518-28-4 1068523-85-2 1068524-01-5 1068524-12-8 1068524-22-0 1068524-40-2 1068529-74-7 1068529-99-6 1068530-54-0 1068536-17-3 1068536-81-1 1068537-30-3 1068543-08-7 1068543-65-6 1068543-66-7 1068544-45-5

L10 ANSWER 54 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911725 CAPLUS 133:368938

DOCUMENT NUMBER:

Preparation of N-ureidoalkyl-piperidines as modulators

of chemokine receptor activity
Ko, Soo S.; Delucca, George V.; Duncia, John V.; Kim, INVENTOR(S): Ui Tae; Santella, Joseph B. Iii; Wacker, Dean A. K.

PATENT ASSIGNEE(S): Du Pont Pharmaceuticals Company, USA PCT Int. Appl., 388 pp.

SOURCE: CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE ----WO 2000035452 A1 20000622 WO 1999-XC30334 N: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, FT, SE PRIORITY APPLN. INFO:: US 1998-112717P 19981218

US 1999-161221P

19991022

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L10 ANSWER 54 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068544-47-7 1068550-05-9 1068550-42-4 1068550-78-6 1068550-79-7 1068550-80-0 1068648-47-4 1068648-48-5 1068649-19-3 1068649-21-7 1068650-31-6 1068650-32-7 1068710-10-0 1068710-11-1 1068710-12-2 RL: PRPH (Prophetic) (Preparation of N-ureidoalkyl-piperidines as modulators of chemokine

receptor activity) RN 1068449-78-4 CAPLUS

Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-3-pyridinyl-(CA INDEX NAME)

RN 1068449-79-5 CAPLUS CN Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME)

1068475-29-5 CAPLUS

Urea, N-[2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-2-piperidinyl[ethyl]-N'-2-piperidinypyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} \text{MeO} & & & \\ \hline \\ \text{CH}_2 & & \text{CH}_2 - \text{CH}_2 - \text{NH} - \text{C} - \text{NH} \\ \hline \\ \text{N} & & \\ \end{array}$$

1068475-30-8 CAPLUS

Urea, N-[2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068483-88-4 CAPLUS

Urea, N-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068483-90-8 CAPLUS

Urea, N-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 54 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068495-28-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068495-29-3 CAPLUS

Urea, N-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 54 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068485-36-8 CAPLUS
CN Urea, N-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl(CA INDEX NAME)

RN 1068485-40-4 CAPLUS CN Urea, N-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-

$$\bigcap_{\mathsf{C1}} \mathsf{CH}_2 - \bigcap_{\mathsf{N}-\mathsf{CH}_2-\mathsf{CH}_2-\mathsf{NH}-\mathsf{C}-\mathsf{NH}-\mathsf{$$

RN 1068495-24-8 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 54 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068507-05-0 CAPLUS
CN Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ \end{array}$$

RN 1068512-53-7 CAPLUS CN Urea, N-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME)

RN 1068512-54-8 CAPLUS
CN Urea, N-[2-[3-[(2-flworophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl(CA INDEX NAME) CN

RN 1068518-24-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

1068518-26-2 CAPLUS INDEX NAME NOT YET ASSIGNED

1068518-28-4 CAPLUS

 $\label{thm:condition} {\tt Urea, N-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-1-piperidiny$ (CA INDEX NAME)

L10 ANSWER 54 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068524-22-0 CAPLUS
Urea, N-[2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

1068524-40-2 CAPLUS

Urea,  $N=\{2-[4-(4-{\rm chloropheny1})\,{\rm methyl}\}-1-{\rm piperidiny1}\}$  ethyl]-N'-3-pyridinyl-(CA INDEX NAME) CN

1068529-74-7 CAPLUS

Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

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L10 ANSWER 54 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068523-85-2 CAPLUS
CN Urea, N-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl(CA INDEX NAME)

1068524-01-5 CAPLUS RN

 $\label{thm:condition} {\tt Urea, \ N-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-n'-4-py$ (CA INDEX NAME)

RN 1068524-12-8 CAPLUS

Urea, N-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 54 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068529-99-6 CAPLUS
CN Urea, N-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2pyxidinyl- (CA INDEX NAME)

RN 1068530-54-0 CAPLUS

 $\label{thm:condition} \mbox{Urea, $N-[2-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]ethy1]-$N$$'-2-pyridiny1-piper$ (CA INDEX NAME)

$$\bigcap_{\mathbf{r}} \mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{NH} - \mathsf{C} - \mathsf{NH} - \bigcap_{\mathbf{r}} \mathsf{NH}$$

RN 1068536-17-3 CAPLUS
CN Urea, N-[2-[4-((3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-2pyridinyl- (CA INDEX NAME) CN

$$\mathsf{MeC} = \mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{NH} - \mathsf{C} - \mathsf{NH} = \mathsf{NH}$$

1068536-81-1 CAPLUS

 $\label{thm:continuous} \mbox{Urea, $\mathbb{N}-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-$\mathbb{N}'-2-pyridinyl-1-piperidinyl-$ (CA INDEX NAME)

1068537-30-3 CAPLUS

Urea, N-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{C1} \\ \text{N-CH}_2\text{-CH}_2\text{-NH-C-NH-} \\ \text{N} \end{array}$$

L10 ANSWER 54 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068544-45-5 CAPLUS

 $\begin{tabular}{ll} Urea, $N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME) \end{tabular}$ 

RN 1068544-47-7 CAPLUS

Urea, N-[3-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]propy1]-N'-4-pyridiny1- (CA INDEX NAME)

1068550-05-9 CAPLUS

Urea, N-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

L10 ANSWER 54 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Nonana 3 et Childs
N 1088543-08-7 CAPLUS
CN Urea, N-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

RN 1068543-65-6 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068543-66-7 CAPLUS

 $\label{eq:continuous} \begin{tabular}{ll} Trea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME) \\ \end{tabular}$ CN

L10 ANSWER 54 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068550-42-4 CAPLUS

Urea, N-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

1068550-78-6 CAPLUS

CN Usea, N=[3-[4-[4uorophenyl)methyl]-1-piperidinyl]propyl]-N\*-2-pyridinyl- (CA INDEX NAME)

RN 1068550-79-7 CAPLUS
CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3pyridinyl- (CA INDEX NAME)

1068550-80-0 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068648-47-4 CAPLUS

Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068648-48-5 CAPLUS

Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-

L10 ANSWER 54 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068650-31-6 CAPLUS

 $\begin{tabular}{ll} Urea, $N-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]propy1]-N'-2-pyridiny1- (CA INDEX NAME) \end{tabular}$ 

RN 1068650-32-7 CAPLUS

Urea, N-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]propy1]-N'-4-pyridiny1- (CA INDEX NAME)

1068710-10-0 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 54 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridinyl- (CA INDEX NAME)

RN 1068649-19-3 CAPLUS
CN Urea, N-[3-[4-[(2,4-dichloropheny1)methy1]-1-piperidiny1]propy1]-N'-2pyridiny1- (CA INDEX NAME)

RN 1068649-21-7 CAPLUS

 ${\tt Urea, N-[3-[4-[(2,4-dichloropheny1)methy1]-1-piperidiny1]propy1]-N'-4-}\\$ pyridinyl- (CA INDEX NAME)

L10 ANSWER 54 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068710-11-1 CAPLUS
CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-3pyridinyl- (CA INDEX NAME)

RN 1068710-12-2 CAPLUS

 $\label{eq:continuous} \mbox{Urea, $\mathbb{N}-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}^*-4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-1-[-1-piperidinyl]-1-[-1-piperidinyl]-1-[-1-piperidinyl]-1-[-1-piperidinyl]-1-[-1-piperidinyl]-1-[-1-piperidinyl]-1-[-1-piperidinyl]-1-[-1-piperidinyl]-1-[-1-piperidinyl]-1-[-1-piperidinyl]-1-[-1-piperidinyl]-1-[-1-piperidinyl]-1-[-1-piperidinyl]-1-[-1-pipe$ pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2000:911689 CAPLUS 133:368935

DOCUMENT NUMBER:

Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity
Ko, Soo S.; Duncia, John V. K.; Santella, Joseph B.,

INVENTOR(S):

III; Wacker, Dean A.; Kim, Ui Tae Du Pont Pharmaceuticals Company, USA PCT Int. Appl., 351 pp. PATENT ASSIGNEE(S):

SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

PATENT INFORMATION:

PAT	ENT	NO.			KIN	D	DATE		i	APPL	ICAT	ION :	NO.	Di	ATE	
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WO	2000	0354	54 A	1			2000	0622	W	0 19	99-X	H303	36	1	9991:	217
W:	,	PL,					EE, TR,									

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE PRIORITY APPLN. INFO:: US 1998-112717P 19981218 US 1999-161184P 19991022

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L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068749-57-4 1068749-58-5 1068749-90-5 1068749-91-6 1068750-82-2 1068753-30-9 1068753-31-0 1068758-94-0 1068758-95-1 100873-3-1-0 1008736-79-0 1008736-73-1 1008736-73-1 1008736-73-1 1008736-73-1 1008739-73-4 1068739-74-5 1068807-87-3 1068819-13-1 1068811-36-8 1068811-37-9 1068811-38-7 1068811-38-7 1068811-38-9 1068812-87-8 1068812-87-8 1068812-87-8 1068812-88 1068810881-88 1068810881-88 1068818-88 1068810881-88 1068810888 1068835-49-3 1068835-50-6 1068836-21-4 1068836-22-5 1068847-61-9 1068850-53-2 1068850-54-3 1068850-66-7 1068851-18-2 1068851-44-4 RL: PRPH (Prophetic) (Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity) 1068720-32-0 CAPLUS Urea, N=[3-[4-[(2,4-dichlorophenyl)]methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068720-33-1 CAPLUS
Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

AB The title compds. (I; M = absent, CH2, CH(CH2Ph), etc.;  $\mathbb Q$  = CH2, CHR5, etc.;  $\mathbb J$ , K, L = CH2, CH(CH2Ph), etc.;  $\mathbb Z$  = 0, S; E = (CH2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; Rl, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un)substituted 5-7 membered ring; R3 = (un)substituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/da (oral dosage). [This abstract record is one of 17 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.

1068720-32-0 1068720-33-1 1068721-27-6 1068721-28-7 1068725-40-5 1068725-41-6 1068731-10-1 1068731-11-2 1068731-43-0 1068731-44-1 1068736-62-8 1068736-64-0 1068738-32-8 1068738-82-8 1068741-85-4 1068747-30-7 1068748-95-7 1068748-97-9

L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068721-27-6 CAPLUS

 $\label{lem:urea} $$ Urea, $N-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-2-pyridiny1- (CA INDEX NAME)$ 

RN 1068721-28-7 CAPLUS

1068725-40-5 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} \text{OH Me} & \\ \\ \text{N-CH}_2\text{-CH-CH-NH-C-NH-N} \\ \\ \text{C1} \end{array}$$

1068725-41-6 CAPLUS

 ${\tt Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinylloropheny$ methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068731-10-1 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068731-11-2 CAPLUS

CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068736-62-8 CAPLUS
Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068736-64-0 CAPLUS

 ${\tt Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]-2-hydroxy-1-piperidinyllorenter (4-fluorophenyl) methyllorenter (4-fluorop$ methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068738-32-8 CAPLUS
Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

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L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068731-43-0 CAPLUS

 $\begin{tabular}{ll} $\tt Urea, N-[3-[4-[(2,4-difluoropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME) \\ \end{tabular}$ CN

1068731-44-1 CAPLUS
Urea, N-[3-[4-[(2,4-difluoropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068741-85-4 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068747-30-7 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

 $\texttt{CN} \qquad \texttt{Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-}$ 

L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 2-pyridinyl- (CA INDEX NAME)

1068748-97-9 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068749-57-4 CAPLUS

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068749-58-5 CAPLUS

CN Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-

L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068753-30-9 CAPLUS

Urea, N-[3-[3-[(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-3-pyridinyl- (CA INDEX NAME)

1068753-31-0 CAPLUS
Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068758-94-0 CAPLUS

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

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L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} \text{CH}_2 & \text{OH} & \text{OH} \\ \hline \\ \text{C1} & \text{CH}_2 - \text{CH} - \text{CH}_2 - \text{NH} - \text{C} - \text{NH} \\ \hline \\ \text{C1} & \text{NH}_2 - \text{CH}_2 - \text{NH}_2 - \text{CH}_2 - \text{NH}_2 - \text{CH}_2 \\ \hline \\ \text{C1} & \text{C1} & \text{C1} & \text{C2} & \text{C1} \\ \hline \end{array}$$

RN 1068749-90-5 CAPLUS
CN Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]N'-2-pyridinyl- (CA INDEX NAME)

1068749-91-6 CAPLUS
Urea, N-[3-[3-[42,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-CN N'-4-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \operatorname{Cl} & \operatorname{OH} & \operatorname{OH} & \operatorname{OH} \\ \operatorname{CH}_2 & \operatorname{NH} - \operatorname{CH}_2 - \operatorname{CH} - \operatorname{CH}_2 - \operatorname{NH} - \operatorname{C} - \operatorname{NH} \\ \end{array}$$

L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068758-95-1 CAPLUS RN

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068762-34-4 CAPLUS

Urea, N-[3-[3-[4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-3-pyridinyl- (CA INDEX NAME)

1068762-74-2 CAPLUS
Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'2-pyridinyl- (CA INDEX NAME)

RN 1068762-75-3 CAPLUS
CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'4-pyridinyl- (CA INDEX NAME)

1068799-73-4 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068799-74-5 CAPLUS

 $\label{thm:condition} \mbox{Urea, $N-[2-hydroxy-3-[4-[(3-methoxypheny1)methy1]-1-piperidiny1]$ methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068811-37-9 CAPLUS

Urea, N-[3-[3-[4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068811-93-7 CAPLUS
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

 $\label{lem:condition} $$ \operatorname{N-[3-[3-[(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-3-pyridiny1- (CA INDEX NAME) $$$ 

L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068807-87-3 CAPLUS RN

methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068809-13-1 CAPLUS RN

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068811-36-8 CAPLUS

CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068811-95-9 CAPLUS

 $\label{lem:condition} $$ \operatorname{Id}_{3-[3-[4-fluoropheny1]} = 1-\operatorname{piperidiny1}_{-2-hydroxy-1-methylpropy1}_{N'-4-pyridiny1}_{CA} $$ (CA INDEX NAME)$$ CN

RN 1068820-27-8 CAPLUS

Nera, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068822-61-6 CAPLUS

Nrea, N-[3-[4-[(2,4-dichloropheny1)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068822-62-7 CAPLUS

Urea, N-[3-[4-([2,4-dichloropheny1)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl (CA INDEX NAME)

1068823-44-8 CAPLUS
Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068827-49-5 CAPLUS

L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068835-50-6 CAPLUS

Urea, N=[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068836-21-4 CAPLUS
CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068836-22-5 CAPLUS

4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068832-27-8 CAPLUS
CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]N'-4-pyridinyl- (CA INDEX NAME)

RN

1068835-49-3 CAPLUS
Urea, N-[3-[4-[(2-flworophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068847-61-9 CAPLUS

| New Average | New York | New Yo

RN 1068850-53-2 CAPLUS

Nea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-3-pyridinyl- (CA INDEX NAME)

 $\label{lem:urea_N-3-4-4} $$ Urea, N-3-[4-(4-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-2-pyridiny1- (CA INDEX NAME)$ CN

1068850-66-7 CAPLUS

Urea, N-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-2-pyridiny1- (CA INDEX NAME)

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911682 CAPLUS

DOCUMENT NUMBER: 133:368928

Preparation of N-ureidoalkyl-piperidines as modulators TITLE:

of chemokine receptor activity INVENTOR(S):

Ko, Soo S.; Duncia, John V. K.; Santella, Joseph B., III; Wacker, Dean A.; Kim, Ui Tae

Du Pont Pharmaceuticals Company, USA PCT Int. Appl., 351 pp. CODEN: PIXXD2 PATENT ASSIGNEE(S):

SOURCE:

DOCUMENT TYPE: Patent

LANGUAGE: English

PATENT INFORMATION:

GI

PATE		10.			KIN	D	DATE		i	APPL	ICAT	ION			D	ATE		
WO 2000035454 A1				20000622			WO 1999-XA30336				19991217							
W:	AL,	ΑU,	$\mathtt{BR}_{t}$	CA,	CN,	CZ,	EE,	ΗU,	${\rm IL}_{\rm r}$	IN,	JP,	KR,	LT,	${\rm LV}_t$	MK,	MX,	NO,	
	NZ, TJ,		RO,	SG,	SI,	SK,	TR,	UA,	VN,	ZA,	AM,	ΑZ,	BY,	KG,	KΖ,	MD,	RU,	
RW:	ΑT,	BE,	CH,	CY,	DE,	DK,	ES,	FI,	FR,	GB,	GR,	ΙE,	IT,	LU,	MC,	NL,	PT,	SE
PRIORITY APPLN. INFO.:								US 1998-112717P						19981218				
							US 1999-161184P						19991022					

L10 ANSWER 55 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068851-44-4 CAPLUS

| Nora, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

AB The title compds. [I; M = absent, CH2, CH(CH2Ph), etc,; Q = CH2, CHR5, etc.; J, K, L = CH2, CH(CH2Ph), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un)substituted 5-7 membered ring; R3 = (un)substituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CM2 unceful for the recording of cother and the allowed discounts. of CCR3 useful for the prevention of asthma and other allergic diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/da (oral dosage). [This abstract record is one of 17 records for this document necessitated by the large number of index entries required to fully index the document and publication

System constraints.] 1068449-78-4 1068449-79-5 1068474-45-2 1068474-48-5 1068475-29-5 1068475-30-8 1068481-34-4 1068482-61-0 1068483-88-4 1068483-90-8 1068485-36-8 1068485-40-4 1068492-23-8 1068492-29-4 1068495-24-8 1068495-28-2 1068495-29-3 1068505-84-9 1068506-67-1 1068507-04-9 1068507-05-0 1068510-35-9 1068510-51-9 1068511-49-8 1068512-13-9 1068512-14-0 1068512-53-7 1068512-54-8 1068515-81-0 1068516-04-0 L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068516-20-0 1068518-24-0 1068518-26-2 1068518-28-4 1068523-85-2 1068524-01-5 1068524-12-8 1068524-22-0 1068524-40-2 1068529-74-7 1068529-99-6 1068530-54-0 1068536-17-3 1068536-81-1 1068537-30-3 1068543-08-7 1068543-65-6 1068543-66-7 1068544-45-5 1068544-47-7 1068550-05-9 1068550-42-4 1068550-78-6 1068550-79-7 1068550-80-0 1068648-47-4 1068648-48-5 1068649-19-3 1068649-21-7 1068650-31-6 1068650-32-7 1068710-10-0 1068710-11-1 1068710-12-2 RL: PRPH (Prophetic) (Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity) 1068449-78-4 CAPLUS

CN Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-3-pyridinyl-(CA INDEX NAME)

1068449-79-5 CAPLUS
Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME)

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068475-30-8 CAPLUS Urea, N-[2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

1068481-34-4 CAPLUS

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068474-45-2 CAPLUS

Urea, N-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068474-48-5 CAPLUS RN

 $\label{eq:continuous} \mbox{Urea, N-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-}$ pyridinyl- (CA INDEX NAME)

RN 1068475-29-5 CAPLUS
CN Urea, N-[2-[3-((3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-2pyridinyl- (CA INDEX NAME)

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068483-88-4 CAPLUS CN Urea, N-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2pyridinyl- (CA INDEX NAME)

1068483-90-8 CAPLUS
Urea, N-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

1068405-36-8 CAPLUS
Urea, N-[2-[3-[(2-chloropheny1)methy1]-1-piperidiny1]ethy1]-N'-4-pyridiny1-

1068485-40-4 CAPLUS

 $\label{thm:continuous} \mbox{Urea, $\mathbb{N}-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-$\mathbb{N}'-2-pyridinyl-1-piperidinyl-$ (CA INDEX NAME)

RN 1068492-23-8 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068492-29-4 CAPLUS

CN Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) (CA INDEX NAME)

 $\label{locality} $$1068505-84-9$$ $$CICa, N=[3-[3,4-difluoropheny1]]$$ $$Urea, N=[3-[3,4-difluoropheny1]]$$ $$1-piperidiny1]$$ $$CA INDEX NAME)$ 

1068506-67-1 CAPLUS

Urea, N-[3-[3-[(2-fluoropheny1)methy1]-1-piperidiny1]propy1]-N'-2-pyridiny1- (CA INDEX NAME)

1068507-04-9 CAPLUS

 $\label{thm:condition} \textit{Urea, } \mathbb{N}-[2-[3-[(2,4-\textit{difluorophenyl})\,\textit{methyl}]-1-\textit{piperidinyl}]\,\textit{ethyl}]\,-\mathbb{N}\,^4-4-\mathbb{N}\,^4+\mathbb{N}\,^$ pyridinyl- (CA INDEX NAME)

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridinyl- (CA INDEX NAME)

RN 1068495-24-8 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068495-28-2 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN 1068495-29-3 CAPLUS

CN Urea, N-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068507-05-0 CAPLUS

Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ &$$

1068510-35-9 CAPLUS

Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068511-49-8 CAPLUS

 $\label{eq:continuous} \mbox{Urea, $\mathbb{N}-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-$\mathbb{N}'-4-$}$ pyridinyl- (CA INDEX NAME)

1068512-13-9 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

— (CH<sub>2</sub>)<sub>3</sub>-мн-с-мн

1068512-14-0 CAPLUS
Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3pyridinyl- (CA INDEX NAME)

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068516-04-0 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068516-20-0 CAPLUS

Orea, N-[3-[3-[4,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068518-24-0 CAPLUS

INDEX NAME NOT YET ASSIGNED

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068512-53-7 CAPLUS RN

 ${\tt CN \qquad Urea, \ N-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-n''-2-p$ (CA INDEX NAME)

RN 1068512-54-8 CAPLUS CN Urea, N-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-

$$\begin{array}{c|c} F & & & \\ \hline \\ CH_2 & & & \\ \end{array}$$
 
$$\begin{array}{c|c} N & CH_2 - CH_2 - NH - C - NH \\ \hline \end{array}$$

1068515-81-0 CAPLUS

 $\label{thm:condition} \mbox{Urea, $N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-$N^4-4-$}$ pyridinyl- (CA INDEX NAME)

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\mathsf{CH}_2 = \mathsf{CH}_2 - \mathsf{CH}_2 - \mathsf{NH} - \mathsf{C} - \mathsf{NH} + \mathsf{NH}$$

RN 1068518-26-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1068518-28-4 CAPLUS CN Urea, N-[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

RN 1068523-85-2 CAPLUS

Urea, N-[2-[4-[(4-chloropheny1)methy1]-1-piperidiny1]ethy1]-N'-2-pyridiny1-(CA INDEX NAME)

1068524-01-5 CAPLUS

Urea, N-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

1068524-12-8 CAPLUS

Urea, N-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068524-22-0 CAPLUS

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068529-99-6 CAPLUS
Urea, N-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2pyridinyl- (CA INDEX NAME)

RN 1068530-54-0 CAPLUS

 $\label{eq:continuity} \textit{Urea, } \mathbb{N}-[2-[4-[(2-\text{fluorophenyl})\,\text{methyl}]-1-\text{piperidinyl}]\\ =\mathbb{N}'-2-\text{pyridinyl}-1-\mathbb{N}'-2-\mathbb{N}'-$ (CA INDEX NAME)

1068536-17-3 CAPLUS

Urea, N-[2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

Page 283

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Urea, N-[2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N\*-4-pyridinyl- (CA INDEX NAME)

RN 1068524-40-2 CAPLUS

 ${\tt CN \quad Urea, \ N-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-3-pyridinyl-n'-1-pyridinyl-n'-1-pyri$ (CA INDEX NAME)

RN 1068529-74-7 CAPLUS

Urea,  $\mathbb{N}=[2-[4-[(4-fluoropheny1)methyl]-1-piperidiny1]ethyl]-\mathbb{N}'-4-pyridinyl-(CA INDEX NAME)$ CN

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068536-81-1 CAPLUS CN Urea, N-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME)

RN 1068537-30-3 CAPLUS

 $\label{eq:continuous} \mbox{Urea, $\mathbb{N}-[2-[4-[(2,4-\mbox{dichlorophenyl})methyl]-1-piperidinyl]ethyl]-$\mathbb{N}'-2-$}$ pyridinyl- (CA INDEX NAME)

1068543-08-7 CAPLUS

Urea, N=[2-[4-[(4-chloropheny1)methy1]-1-piperidiny1]ethy1]-N'-4-pyridiny1-(CA INDEX NAME)

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068543-66-7 CAPLUS

 ${\tt Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-}\\$ pyridinyl- (CA INDEX NAME)

1068544-45-5 CAPLUS

Orea, N=[3-[4-((2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N\*-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068550-78-6 CAPLUS
CN Urea, N-[3-[4-([4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

1068550-79-7 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3pyridinyl- (CA INDEX NAME)

 $\texttt{CN} \qquad \texttt{Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-}\\$ 

### Page 284

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068544-47-7 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN 1068550-05-9 CAPLUS

 $\label{lem:urea} \mbox{Urea, $N-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-$N'-4-pyridinyl-$N'-4-py$ (CA INDEX NAME)

RN 1068550-42-4 CAPLUS

CN Urea, N=[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridinyl- (CA INDEX NAME)

RN 1068648-47-4 CAPLUS

$$\begin{array}{c|c} & & & \\ & & & \\$$

RN 1068648-48-5 CAPLUS

 $\label{eq:continuous} \mbox{Urea, } \mbox{N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4- }$ pyridinyl- (CA INDEX NAME)

1068649-19-3 CAPLUS

# 06/05/2009

## 10-573,516-1.trn

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c} \text{C1} \\ \text{N} \\ \text{CH}_2 \\ \text{)}_3 \\ \text{NH} \\ \text{C} \\ \text{NH} \\ \text$$

1068649-21-7 CAPLUS

 $\label{eq:continuous} \textit{Urea, } \mathbb{N}-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-\mathbb{N}'-4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-1-[(2,4-dichlorophenyl)methylloppinymethylloppinymethylloppinymethylloppinymethylloppinymethylloppinymethylloppinymethylloppinymethylloppinymethylloppinymethylloppinymethylloppinymethylloppinymethylloppin$ pyridinyl- (CA INDEX NAME)

1068650-31-6 CAPLUS

Orea, N=[3-[4-((2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N\*-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068710-12-2 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 56 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068650-32-7 CAPLUS
CN Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

1068710-10-0 CAPLUS

CN Urea, N[3-[4-(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068710-11-1 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-pyridinyl- (CA INDEX NAME) CN

L10 ANSWER 57 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911681 CAPLUS

DOCUMENT NUMBER: 133:368927

Preparation of N-ureidoalkyl-piperidines as modulators TITLE:

INVENTOR(S):

Ko, Soo S.; Delucca, George V.; Duncia, John V.; Santella, Joseph B., III; Wacker, Dean A.; Watson,

Paul S.; Varnes, Jeffrey G. Du Pont Pharmaceuticals Company, USA PATENT ASSIGNEE(S):

SOURCE: PCT Int. Appl., 394 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: PATENT INFORMATION: English

PATENT NO. KIND DATE APPLICATION NO. WO 2000035451 A1 20000622 WO 1999-XH30332 19991217 W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, JP, KR, LT, LV, MK, MK, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE PRIORITY APPLN. INFO.: US 1998-112717P 19981218

US 1999-161243P

19991022

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- The title compds. [I, M = absent, CH2, CH(CH2Ph), etc,; Q = CH2, CH(CH2Ph), etc.; J, K, L = CH2, CH(CH2Ph), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(OH)CH(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un) substituted 5-7 membered ring; R3 = (un) substituted Ph, naphthyl, admantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 10-20 mg/kg/day (oral dosage). [This abstract record is one of I7 records for this document necessitated by the large number of index entries required to fully index the document and
- the large number of index entries required publication system constraints.] 1068720-32-0 1068720-33-1 1068721-27-6 1068721-28-7 1068731-31-10-2 1068731-31-10-2 1068731-31-10-2 1068731-31-0-1 1068731-0-1 1068731-31-0-1 1068731-31-0-1 1068731-31-0-1 1068731-0-1 1 1068738-32-8 1068738-82-8 1068741-85-4 1068747-30-7 1068748-95-7 1068748-97-9 1068749-57-4 1068749-58-5 1068749-90-5

L10 ANSWER 57 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068721-27-6 CAPLUS

 $\label{lem:ura_n} $$ Urea, $\mathbb{N}_{3-[4-[(2-chloropheny1)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-\mathbb{N}'-2-pyridinyl- (CA INDEX NAME)$ 

RN 1068721-28-7 CAPLUS

 $\begin{tabular}{ll} Urea, $N-[3-[4-[(2-chloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N^*-4-pyridiny1- (CA INDEX NAME) \\ \end{tabular}$ 

1068725-40-5 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-piperidinyl]methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

L10 ANSWER 57 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068749-91-6 1068750-82-2 1068753-30-9 1068753-31-0 1068758-94-0 1068758-95-1 1068762-34-4 1068762-74-2 1068762-75-3 1068799-73-4 1068799-74-5 1068807-87-3 1068809-13-1 1068811-36-8 1068811-37-9 1068811-93-7 1068811-94-8 1068811-95-9 1068820-27-8 1068822-61-6 1068822-62-7 1068823-44-8 1068827-49-5 1068832-27-8 1068835-49-3 1068835-50-6 1068836-21-4 1068836-22-5 1068847-61-9 1068850-53-2 1068850-54-3 1068850-66-7 1068851-18-2 1068851-44-4 RL: PRPH (Prophetic)  $({\tt Preparation} \ \, {\tt of} \ \, {\tt N-ureidoalkyl-piperidines} \ \, {\tt as} \ \, {\tt modulators} \ \, {\tt of} \ \, {\tt chemokine}$ 

receptor activity) Teleptor activity 1068720-32-0 CAPLUS Urea, N-[3-[4-[(2,4-dichloropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methy1propy1]-N'-4-pyridiny1- (CA INDEX NAME)

RN 1068720-33-1 CAPLUS
CN Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 57 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068725-41-6 CAPLUS
CN Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068731-10-1 CAPLUS

Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068731-11-2 CAPLUS
CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068731-43-0 CAPLUS
CN Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068731-44-1 CAPLUS RN

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068736-62-8 CAPLUS

L10 ANSWER 57 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068738-82-8 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068741-85-4 CAPLUS Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068747-30-7 CAPLUS

2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 57 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CN Urea, N-[3-[4-[(4-flworophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068736-64-0 CAPLUS
CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN

1068738-32-8 CAPLUS
Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 57 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068748-95-7 CAPLUS

Urea, N-[2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

$$\begin{array}{c|c} \text{MeO} & \text{OH} & \text{O} \\ \hline \\ \text{CH}_2 & \text{CH}_2 - \text{CH}_2 - \text{NH}_- \text{C} - \text{NH}_- \\ \hline \\ \text{N} \end{array}$$

RN 1068748-97-9 CAPLUS

| Direa, Nr[-2-hydroxy-3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-| 4-pyridinyl- (CA INDEX NAME)

RN 1068749-57-4 CAPLUS
CN Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'4-pyridinyl- (CA INDEX NAME)

1068749-58-5 CAPLUS

 $\label{eq:continuity} \textbf{Urea, } \mathbb{N}-[3-[3-[(2-\text{chloropheny1})\text{methy1}]-1-\text{piperidiny1}]-2-\text{hydroxypropy1}]-\mathbb{N}^4-[3-[3-[(2-\text{chloropheny1})\text{methy1}]-1-\text{piperidiny1}]-2-\text{hydroxypropy1}]-\mathbb{N}^4-[3-[(2-\text{chloropheny1})\text{methy1}]-1-\text{piperidiny1}]-2-\text{hydroxypropy1}]-\mathbb{N}^4-[3-[(2-\text{chloropheny1})\text{methy1}]-1-\text{piperidiny1}]-2-\text{hydroxypropy1}]-\mathbb{N}^4-[3-[(2-\text{chloropheny1})\text{methy1}]-1-\text{piperidiny1}]-2-\text{hydroxypropy1}]-\mathbb{N}^4-[3-[(2-\text{chloropheny1})\text{methy1}]-1-\text{piperidiny1}]-2-\text{hydroxypropy1}]-\mathbb{N}^4-[3-[(2-\text{chloropheny1})\text{methy1}]-1-\text{piperidiny1}]-2-\text{hydroxypropy1}]-\mathbb{N}^4-[3-[(2-\text{chloropheny1})\text{methy1}]-1-\text{piperidiny1}]-2-\text{hydroxypropy1}]-\mathbb{N}^4-[3-[(2-\text{chloropheny1})\text{methy1}]-1-\text{piperidiny1}]-2-\text{hydroxypropy1}]-\mathbb{N}^4-[3-[(2-\text{chloropheny1})\text{methy1}]-1-\text{piperidiny1}]-2-\text{hydroxypropy1}]-\mathbb{N}^4-[3-[(2-\text{chloropheny1})\text{methy1}]-1-\text{piperidiny1}]-2-\text{hydroxypropy1}]-\mathbb{N}^4-[3-[(2-\text{chloropheny1})\text{methy1}]-1-\text{piperidiny1}]-2-\text{hydroxypropy1}]-\mathbb{N}^4-[3-[(2-\text{chloropheny1})\text{methy1}]-1-\text{hydroxypropy1}]-1-\mathbb{N}^4-[3-[(2-\text{chloropheny1})\text{methy1}]-1-\mathbb{N}^4-[$ 2-pyridinyl- (CA INDEX NAME)

1068749-90-5 CAPLUS

N'-2-pyridinyl- (CA INDEX NAME)

1068749-91-6 CAPLUS

Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-

- L10 ANSWER 57 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068758-94-0 CAPLUS

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068758-95-1 CAPLUS
Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068762-34-4 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-3-pyridinyl- (CA INDEX NAME)

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L10 ANSWER 57 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) N'-4-pyridinyl- (CA INDEX NAME)

RN 1068750-82-2 CAPLUS
CN Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'4-pyridinyl- (CA INDEX NAME)

RN 1068753-30-9 CAPLUS

Orea, N(3)36(4-chlorophenyl)methyl]-1-piperidinyl)-2-hydroxypropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068753-31-0 CAPLUS

L10 ANSWER 57 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068762-74-2 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} \text{CH}_2 & \text{OH} & \text{OH} \\ \text{CH}_2 - \text{CH} - \text{CH}_2 - \text{NH} - \text{C} - \text{NH} \\ \text{F} \end{array}$$

1068762-75-3 CAPLUS

 $\label{eq:continuous} $$ Urea, N^{-3}_{-3}[3-[(2-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-4-pyridiny1- (CA INDEX NAME)$ 

RN 1068799-73-4 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068799-74-5 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]-1methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068807-87-3 CAPLUS RN

Urea, N-[3-[3-[4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068809-13-1 CAPLUS

Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

L10 ANSWER 57 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068811-94-8 CAPLUS

 $\label{lem:urea} $$ Urea, $N-[3-[3-[(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-3-pyridiny1- (CA INDEX NAME)$ 

1068811-95-9 CAPLUS Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-4-pyridinyl- (CA INDEX NAME)

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 57 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068811-36-8 CAPLUS
CN Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-methylpropyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068811-37-9 CAPLUS

 $\label{lem:condition} $$ \operatorname{N-[3-[3-[(2-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxy-1-methylpropy1]-N'-4-pyridiny1- (CA INDEX NAME) $$$ CN

RN 1068811-93-7 CAPLUS

CN Urea, N-[3-[3-[4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxy-1-

L10 ANSWER 57 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068822-61-6 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068822-62-7 CAPLUS

 $\texttt{Urea, N-[3-[4-[(2,4-dichloropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-1-piperidiny1]-2-hydroxypropy1]-1-piperidiny1]-2-hydroxypropy1]-1-piperidiny$ N'-4-pyridinyl- (CA INDEX NAME)

RN 1068823-44-8 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068827-49-5 CAPLUS Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c} \text{C1} & \text{OH} & \text{O} \\ \text{N} & \text{CH}_2 - \text{CH} - \text{CH}_2 - \text{NH} - \text{C} - \text{NH} \\ \end{array}$$

1068832-27-8 CAPLUS

Urea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068835-49-3 CAPLUS
Urea, N-[3-[4-[(2-flworophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 57 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068847-61-9 CAPLUS

Urea, N-[2-hydroxy-3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068850-53-2 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-3-pyridinyl- (CA INDEX NAME)

 $\texttt{CN} \qquad \texttt{Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-left}$ 

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L10 ANSWER 57 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068835-50-6 CAPLUS
CN Urea, N-[3-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'4-pyridinyl- (CA INDEX NAME)

1068836-21-4 CAPLUS

Urea, N-[3-[4-[(4-fluoropheny1)methy1]-1-piperidiny1]-2-hydroxypropy1]-N'-2-pyridiny1- (CA INDEX NAME) CN

L10 ANSWER 57 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 2-pyridinyl- (CA INDEX NAME)

RN 1068850-66-7 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068851-18-2 CAPLUS

Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068851-44-4 CAPLUS

 $\label{thm:condition} \mbox{Urea, $N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]-2-hydroxypropyl]-1-piperidinyl} = 0.$ N'-2-pyridinyl- (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

The title compds. [I, M = absent, CH2, CH(CH2Ph), etc.; Q = CH2, CH(CH2Ph), etc.; J, K, L = CH2, CH(CH2Ph), etc.; Z = O, S; E = (CH2)2, (CH2)3, CH2CH(OH)CR(Ph), etc.; R1, R2 = H, alkyl, alkenyl, etc.; R2 and R3 may join to form (un) substituted 5-7 membered ring; R3 = (un) substituted Ph, naphthyl, adamantyl, etc.; R4 = absent, alkyl, alkenyl, etc.], modulators of CCR3 useful for the prevention of asthma and other allergic diseases were yearard and formulated E or a multi-steen sumthesis of LI diseases, were prepared and formulated. E.g., a multi-step synthesis of II was given. Compds. I are effective at 1.0-20 mg/kg/day (oral dosage). [This abstract record is one of 17 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

publication system constraints.] 1068449-78-4 1068449-79-5 1068474-45-2 1068474-48-5 1068475-29-5 1068475-30-8 1068481-34-4 1068482-61-0 1068483-88-4 1068483-90-8 1068485-36-8 1068485-40-4 1068492-23-8 1068492-29-4 1068495-24-8 1068495-28-2 1068495-29-3 1068505-84-9 1068506-67-1 1068507-04-9 1068507-05-0 1068510-35-9 1068510-51-9 1068511-49-8 1068512-13-9 1068512-14-0 1068512-53-7 1068512-54-8 1068515-81-0 1068516-04-0 1068516-20-0 1068518-24-0 1068518-26-2

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:911674 CAPLUS 133:368920

DOCUMENT NUMBER:

Preparation of N-ureidoalkyl-piperidines as modulators

of chemokine receptor activity
Ko, Soo S.; Delucca, George V.; Duncia, John V.;
Santella, Joseph B., III; Wacker, Dean A.; Watson, INVENTOR(S):

Paul S.; Varnes, Jeffrey G. Du Pont Pharmaceuticals Company, USA

PATENT ASSIGNEE(S):

SOURCE: PCT Int. Appl., 394 pp. CODEN: PIXXD2

DOCUMENT TYPE: English

LANGUAGE: PATENT INFORMATION:

> PATENT NO. APPLICATION NO. KIND DATE DATE WO 2000035451 A1 WO 2000035451 A1 20000622 WO 1999-XA30332 19991217
> W: AL, AU, BR, CA, CN, CZ, EE, HU, IL, IN, UP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, VN, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
>
> RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

US 1998-112717P US 1999-161243P 19981218 19991022 PRIORITY APPLN. INFO.:

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) 1068518-28-4 1068523-85-2 1068524-01-5 1068524-12-8 1068524-22-0 1068524-40-2 1068529-74-7 1068529-99-6 1068530-54-0 1068536-17-3 1068536-81-1 1068537-30-3 1068543-08-7 1068543-65-6 1068543-66-7 1068544-45-5 1068544-47-7 1068550-05-9 1068550-42-4 1068550-78-6 1068550-79-7 1068550-80-0 1068648-47-4 1068648-48-5 1068649-19-3 1068649-21-7 1068650-31-6 1068650-32-7 1068710-10-0 1068710-11-1 1068710-12-2 RL: PRPH (Prophetic)
(Preparation of N-ureidoalkyl-piperidines as modulators of chemokine receptor activity)

RN 1068449-78-4 CAPUS
CN Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-3-pyridinyl-(CA INDEX NAME)

1068449-79-5 CAPLUS

 $\label{thm:condition} {\tt Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-n'-2-pyri$ (CA INDEX NAME)

RN 1068474-45-2 CAPLUS

Urea, N-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068474-48-5 CAPLUS Urea, N-[3-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

1068475-29-5 CAPLUS

 $\label{eq:continuous} \texttt{Urea, N-[2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-2-}\\$ pyridinyl- (CA INDEX NAME)

$$\begin{array}{c|c} \text{MeO} & & & \\ & & \\ & \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{NH} - \text{C-NH} - \text{NH} \\ & & \\ & & \\ & & \\ \end{array}$$

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068483-88-4 CAPLUS
CN Urea, N-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2pyridinyl- (CA INDEX NAME)

1060403-90-8 CAPLUS
Urea, N-[2-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

 $\label{local-point} \begin{tabular}{lll} $1068485-36-8 $ $CAPLUS$ \\ $Urea, $N-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-1-piperidinyl]ethyl]-N'-4-pyridinyl-1-piperidinyl-1$ (CA INDEX NAME)

RN 1068485-40-4 CAPLUS

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L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068475-30-8 CAPLUS
CN Urea, N-[2-[3-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068481-34-4 CAPLUS

CN  $\label{eq:continuous} \mbox{Urea, } \mbox{N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2$ pyridinyl- (CA INDEX NAME)

RN

 $\label{local-prop} \begin{array}{ll} 1068482-61-0 & \texttt{CAPLUS} \\ \textbf{Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-} \end{array}$ pyridinyl- (CA INDEX NAME)

L10 ANSMER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) CN Urea, N-[2-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME)

RN 1068492-23-8 CAPLUS

Urea, N-[3-[4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

RN 1068492-29-4 CAPLUS
CN Urea, N-[3-[3-(4-chloropheny1)methy1]-1-piperidiny1]propy1]-N'-3pyxidiny1- (CA INDEX NAME)

RN 1068495-24-8 CAPLUS

INDEX NAME NOT YET ASSIGNED

1068495-28-2 CAPLUS

INDEX NAME NOT YET ASSIGNED

$$\begin{array}{c} & \\ & \\ \text{C1} \end{array}$$

RN 1068495-29-3 CAPLUS CN Urea, N-[2-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-

1068505-84-9 CAPLUS
Urea, N-[3-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridinyl- (CA INDEX NAME)

1068510-35-9 CAPLUS
Urea, N-[3-[3-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068510-51-9 CAPLUS

Urea, N-[3-[3-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068511-49-8 CAPLUS

Urea, N-[3-[3-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & &$$

RN 1068506-67-1 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME) CN

RN 1068507-04-9 CAPLUS

 $\label{thm:condition} {\tt Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-thm}$ pyridinyl- (CA INDEX NAME)

RN 1068507-05-0 CAPLUS

CN Urea, N-[2-[3-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068512-13-9 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

1068512-14-0 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-pyridinyl- (CA INDEX NAME)

RN 1068512-53-7 CAPLUS

 $\label{thm:continuity} \mbox{Urea, $N-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-$N'-2-pyridinyl-$N$ (CA INDEX NAME)

RN 1068512-54-8 CAPLUS
CN Urea, N-[2-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl(CA INDEX NAME)

1068515-81-0 CAPLUS

Urea, N-[3-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068516-04-0 CAPLUS

Urea, N-[3-[3-[(2-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068518-28-4 CAPLUS

Urea, N=[2-[3-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N\*-4-pyridinyl-(CA INDEX NAME)

1068523-85-2 CAPLUS RN

Urea, N-[2-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-(CA INDEX NAME)

Urea, N-[2-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068516-20-0 CAPLUS

Urea, N-[3-[3-[42,4-difluorophenyl]]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

RN 1068518-24-0 CAPLUS

INDEX NAME NOT YET ASSIGNED

RN 1068518-26-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

$$\begin{array}{c|c} \text{C1} & \text{N-CH}_2\text{-CH}_2\text{-NH-C-NH-N} \\ \\ \text{CH}_2 & \text{CH}_2\text{-CH}_2\text{-NH-C-NH-N} \\ \end{array}$$

RN 1068524-12-8 CAPLUS

Urea, N-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME) CN

RN 1068524-22-0 CAPLUS
CN Urea, N-[2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068524-40-2 CAPLUS CN Urea, N-[2-[4-[(4-chloropheny1)methy1]-1-piperidiny1]ethy1]-N'-3-pyridiny1-

1068529-74-7 CAPLUS

Urea, N-[2-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl-(CA INDEX NAME)

1068529-99-6 CAPLUS

Orea, N=[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N\*-2-pyridinyl- (CA INDEX NAME)

RN 1068530-54-0 CAPLUS

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068537-30-3 CAPLUS

Urea, N-[2-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068543-08-7 CAPLUS

Urea, N=[2-[4-[(4-chloropheny1)methy1]-1-piperidiny1]ethy1]-N'-4-pyridiny1-(CA INDEX NAME) CN

1068543-65-6 CAPLUS

Orea, N-[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

 $\texttt{CN} \qquad \texttt{Urea, N-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-2-pyridinyl-1-piperidinyl-2-pyridinyl-1-piperidinyl-1$ (CA INDEX NAME)

RN 1068536-17-3 CAPLUS
CN Urea, N-[2-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]ethyl]-N'-2pyridinyl- (CA INDEX NAME)

RN 1068536-81-1 CAPLUS

Urea,  $\mathbb{N}=[2-[4-[(2-\mathrm{chloropheny1})\mathrm{methyl}]-1-\mathrm{piperidiny1}]$  ethyl]  $-\mathbb{N}$  '-2-pyridinyl-(CA INDEX NAME) CN

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068543-66-7 CRPLUS
CN Urea, N=[3-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyxidinyl- (CA INDEX NAME)

RN 1068544-45-5 CAPLUS

 $\label{eq:continuous} \mbox{Urea, $\mathbb{N}-[3-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]propy1]-\mathbb{N}^4-2-1]} \mbox{ of $\mathbb{N}^4-[3-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]propy1]-\mathbb{N}^4-2-1] \mbox{ of $\mathbb{N}^4-[(2-fluoropheny1)methy1]-1-piperidiny1]propy1]-\mathbb{N}^4-2-1] \mbox{ of $\mathbb{N}^4-[(2-fluoropheny1)methy1]-1-piperidiny1]propy1]-1-\mathbb{N}^4-2-1] \mbox{ of $\mathbb{N}^4-[(2-fluoropheny1)methy1]-1-piperidiny1]propy1]-1-\mathbb{N}^4-2-1] \mbox{ of $\mathbb{N}^4-[(2-fluoropheny1)methy1]-1-piperidiny1]propy1]-1-\mathbb{N}^4-2-1] \mbox{ of $\mathbb{N}^4-[(2-fluoropheny1)methy1]-1-piperidiny1]-1-\mathbb{N}^4-2-1] \mbox{ of $\mathbb{N}^4-[(2-fluoropheny1)methy1]-1-pipe$ pyridinyl- (CA INDEX NAME)

RN 1068544-47-7 CAPLUS

CN Urea, N-[3-[4-[(2-fluoropheny1)methy1]-1-piperidiny1]propy1]-N'-4-pyridiny1- (CA INDEX NAME)

1068550-05-9 CAPLUS
Urea, N-[2-[4-[(2-fluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl(CA INDEX NAME)

1068550-42-4 CAPLUS

Urea, N-[2-[4-[(2,4-difluorophenyl)methyl]-1-piperidinyl]ethyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068550-78-6 CAPLUS
Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-2pyridinyl- (CA INDEX NAME)

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

1068648-47-4 CAPLUS

CN Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

1068648-48-5 CAPLUS

Urea, N-[3-[4-[(3-methoxyphenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068649-19-3 CAPLUS

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068649-21-7 CAPLUS

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L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

RN 1068550-79-7 CAPLUS
CN Urea, N-[3-[4-[(4-fluorophenyl)methyl]-1-piperidinyl]propyl]-N'-3pyridinyl- (CA INDEX NAME)

RN 1068550-80-0 CAPLUS

pyridinyl- (CA INDEX NAME)

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

Urea, N-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

1068650-31-6 CAPLUS

Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-pyridinyl- (CA INDEX NAME)

RN 1068650-32-7 CAPLUS
CN Urea, N-[3-[4-[(2-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4pyridinyl- (CA INDEX NAME)

RN 1068710-10-0 CAPLUS

 $\texttt{CN} \qquad \texttt{Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-2-} \\$ 

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) pyridinyl- (CA INDEX NAME)

1068710-11-1 CAPLUS

 ${\tt Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-3-}\\$ pyridinyl- (CA INDEX NAME)

1068710-12-2 CAPLUS

Urea, N-[3-[4-[(4-chlorophenyl)methyl]-1-piperidinyl]propyl]-N'-4-pyridinyl- (CA INDEX NAME)

L10 ANSWER 59 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 1998:146698 CAPLUS

DOCUMENT NUMBER: 128:205144
ORIGINAL REFERENCE NO.: 128:40579a,40582a

TITLE: Di- and trisubstituted piperidine, pyrrolidine and

hexahydro-1H-azepine peptide analogs promote release of growth hormone

INVENTOR(S): PATENT ASSIGNEE(S):

Merck and Co., Inc., USA U.S., 81 pp., Cont.-in-part of U.S. 5,492,916.

SOURCE:

CODEN: USXXAM DOCUMENT TYPE: Patent

LANGUAGE: FAMILY ACC. NUM. COUNT: English PATENT INFORMATION:

PATENT NO.	KIND	DATE	AD:	PLICATION NO.		DATE
FAIDNI NO.	1/11/10	DATE	AF.			DAID
US 5721250	A	19980224	US	1996-600646		19960213
US 5492916	A	19960220	US	1994-323988		19941017
US 5622973	A	19970422	US	1995-464982		19950605
PRIORITY APPLN. INFO.:			US	1993-173449	В2	19931223
			US	1994-323988	A2	19941017
			US	1994-328988	A3	19941017
OTHER SOURCE(S):	MARPAT	128:205144				

L10 ANSWER 58 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT REFERENCE COUNT:

L10 ANSWER 59 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

 $\ensuremath{\mathtt{AB}}$  . The present invention is directed to certain novel compds, identified as di- and trisubstituted piperidines, pyrrolidines and hexahydro-1H-azepines dn- and trisubstituted piperidines, pyrolidines and hexahydro-H-azepines of the general structural I [R1 = e.g., C1-10 alkyl, aryl, aryl(C1-6 alkyl), x = e.g., H, CN, (CH2)qNR2COR2, (CH2)qNR2COR2; Y = e.g., H, C1-10 alkyl, (CH2)paryl; R2 = e.g., H, C1-6 alkyl, C3-7 cycloalkyl; q = 0-4; p = 0-7; R4, R5 = independently, e.g., H, C1-6 alkyl; A = (CH2)xCRR7a(CH2)y, x (Y = independently, 0-7; Z = NR6a, O; R6a = H, C1-6 alkyl; R7, R7a = independently, e.g., H, C1-6 alkyl, C73; n = 1-3]. These compds. promote the release of growth hormone in humans and animals (no data). This property can be utilized to promote the growth of food animals to render property can be utilized to promote the growth of food animals to render the production of edible meat products more efficient, and in humans, to treat physiol. or medical conditions characterized by a deficiency in growth

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L10 ANSWER 59 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) hormone secretion, such as short stature in growth hormone deficient children, and to treat medical conditions which are improved by the anabolic effects of growth hormone. Growth hormone releasing compns. contg. such compds. as the active ingredient thereof are also disclosed. Thus, e.g., amide coupling of benzylpiperidinecarboxylate II.HCl (prepn. given) with Boc-D-Trp-OH (Boc = Me3CO2C) acid followed by deprotection and coupling with N-Boc- $\alpha\text{-methylalamine}$  and deprotection afforded piperidine deriv. III.HCl.

203870-94-4P

BEU (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of di- and trisubstituted piperidine, pyrrolidine, and
hexahydroazepine peptide analogs as growth hormone release promoters) RN 203870-94-4 CAPLUS

3-Piperidinecarboxylic acid, 1-[(2R)-2-[[[(6-amino-2pyridinyl)amino]carbonyl]amino]-3-(1H-indol-3-yl)-1-oxopropyl]-3(phenylmethyl)-, ethyl ester, hydrochloride (1:1), (3S)- (CA INDEX NAME)

Absolute stereochemistry.

L10 ANSWER 60 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1996:476785 CAPLUS DOCUMENT NUMBER: 125:142463 ORIGINAL REFERENCE NO.: 125:26661a,26664a

TITLE: Carbodiimide derivatives for use in biotinylations INVENTOR(S): Takenishi, Soichiro; Suzuki, Osamu; Yokomizo, Hirohiko; Ichihara, Tatsuo; Masuda, Gen; Shiohata,

Namiko; Komiya, Kazuko

PATENT ASSIGNEE(S): Nisshinbo Industries, Inc., Japan

SOURCE: Eur. Pat. Appl., 55 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent LANGUAGE: FAMILY ACC. NUM. COUNT: English

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 718300	A1	19960626	EP 1995-309433	19951222
EP 718300	B1	20011121		
R: DE, FR, G	В			
JP 08176159	A	19960709	JP 1994-335492	19941222
JP 3583489	B2	20041104		
US 5700935	A	19971223	US 1995-577374	19951222
US 5789588	A	19980804	US 1997-931714	19970916
PRIORITY APPLN. INFO.:			JP 1994-335492	A 19941222
			US 1995-577374	A3 19951222
OTHER SOURCE(S):	MARPA:	T 125:142463		

L10 ANSWER 59 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

REFERENCE COUNT:

THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 60 OF 60 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

- Carbodiimides W1-X-N=C=N-Y-W2-Z [W1 = aliphatic, (un)substituted aryl, heteroaryl, tertiary amino, quaternary ammonium; -W2-2 = quaternary ammonium; X and Y = bond, alkylene; Z = biotin-containing group] are useful as labeling reagents for introducing a biotin group into a nucleic acid or a protein. Thus, cyclohexyl isocyanate was treated with Me2NC6H4NH2-4 to give the urea which was converted to the carbodiimide and treated with 6-iodohexylbiotinamide to give the quaternized derivative I. 179540-41-1P 179541-35-6P
- RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
  (preparation of carbodiimide derivs. of biotin for use in biotinylations)

RN 179540-41-1 CAPLUS

CN

RN 179541-35-6 CAPLUS

Urea, N-[2-(2-methyl-1-piperidinyl)ethyl]-N'-2-pyridinyl- (CA INDEX NAME)

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